

**Oi oceanology  
international<sup>®</sup>**  
**CHINA**

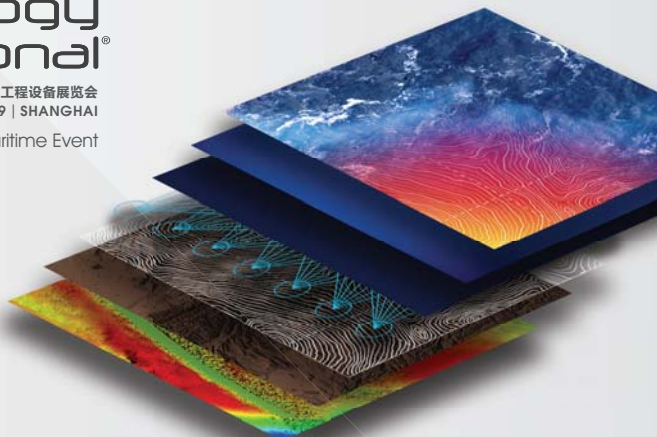
上海国际海洋技术与工程设备展览会  
13-15 November 2019 | SHANGHAI

A Reed Maritime Event

Concurrent Exhibition:

同期举办:

**Unmanned  
Oi China 2019 Vehicle**  
无人飞行器大会




# SHOW GUIDE

## OI CHINA 2019

# 现场指南



 13-15 NOV 2019, CECIS, SHANGHAI  
2019年11月13日-15日 | 上海跨国采购会展中心

[www.oichina.com.cn](http://www.oichina.com.cn)

 WeChat  
微信 扫一扫

Organiser:  
主办单位:  Reed Exhibitions<sup>®</sup>  
励展博览集团

Co-event Managers:  
共同承办:



Ocean Observation Technology Branch of  
the Chinese Society of Oceanography  
中国海洋学会海洋观测技术分会



Chinese Society for Oceanology and  
Limnology Marine Observation Branch  
中国海洋湖沼学会海洋观测分会

Local Supporter:  
主场支持单位:



East China Sea Bureau of  
Ministry of Natural Resources  
自然资源部东海局

Host Supporters:  
支持单位:



Chinese Society of  
Oceanography  
中国海洋学会



Chinese Society for Oceanology  
and Limnology  
中国海洋湖沼学会



National Ocean  
Technology Center  
国家海洋技术中心

# Supporters 合作与支持单位

Learned Society Partner:  
国际学术顾问:



International Supporters:  
国际支持:



Media Partners:  
合作媒体:



Opening Times  
展览时间



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REED MARITIME EVENTS



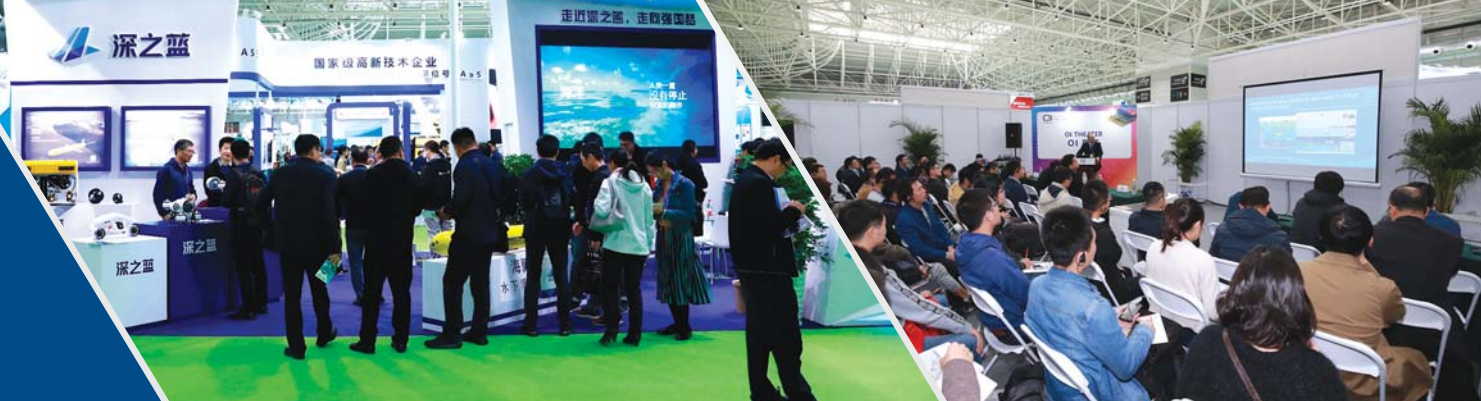
A Reed Maritime Event

# Oi China at a Glance

## Oi China全日程

**Oi** oceanology  
international  
CHINA  
上海国际海洋技术与工程设备展览会  
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A Reed Maritime Event

**Unmanned Vehicle**  
Oi China 2019  
无人飞行器大会



### Tuesday 12<sup>th</sup> November 2019

#### 2019年11月12日 (星期二)

Activity 活动名称	Location 地点	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Ice Breaker - Networking with Chinese Partners 破冰酒会——与国际品牌商面对面	East of the Lobby (close to Gate 4) 东侧序厅 (4号门侧)									

### Wednesday 13<sup>th</sup> November 2019

#### 2019年11月13日 (星期三)

Activity 活动名称	Location 地点	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Exhibition 现场展示	Exhibition Hall 展厅									
Opening Plenary 全体会议	Conference Room A 会议室 A									
New Opportunity for Marine Industry under FTZ New Special Area Policy 探索自贸区新片区新形势下的海洋产业发展机遇	Oi Theater B Oi剧场 B									
@Oi China Associated Meeting - Presentation of WATERTOOLS' Latest Oceanographic Research Technologies & Instruments @Oi China联名专题会议——水德仪器最新海洋调查设备和技术汇报专场	C25 stand C25展位									
Oi China Exchange - Spotlights on International Suppliers Oi China专题交流活动——聚焦国际产品品牌	Oi Theater A Oi剧场 A									
2019 International Marine Technology and Ocean Science Innovation Competition Awards Ceremony 2019年首届国际海洋工程装备科技创新大赛颁奖仪式	Conference Room A 会议室 A									
Blue Whale Club VIP Lunch 蓝鲸汇高峰午餐会	Room 305, 3 <sup>rd</sup> Floor 展馆三层305									
Unmanned Vehicles Conference Track I 无人飞行器专题会议 I	Conference Room A 会议室 A									
Ocean Observing and Sensing Conference Track I 海洋观测与遥感专题会议 I	Conference Room B 会议室 B									
Oi China Exchange - Spotlights on Physical Oceanography Oi China专题交流活动——聚焦物理海洋	Oi Theater B Oi剧场 B									
Happy Hour 欢乐时光酒会	Oi Theater A Oi剧场 A									

🎧 Simultaneous interpretation service is available. / 提供同声传译服务。

\* Correct as of 29.10.2019. The programme is subject to change. / 日程更新截止2019年10月29日, 最终日程以现场公布为准。

\* Ice Breaker/Blue Whale Club VIP Lunch: By Invitation Only. / 破冰酒会/蓝鲸汇高峰午餐会: 向受邀嘉宾开放。

# Oi China at a Glance

## Oi China全日程

**Oi oceanology**  
international  
CHINA

上海国际海洋技术与工程设备展览会  
13-15 November 2019 | SHANGHAI  
A Reed Maritime Event

**Unmanned Vehicle**  
Oi China 2019  
无人飞行器大会



### Thursday 14<sup>th</sup> November 2019

#### 2019年11月14日 (星期四)

Activity 活动名称	Location 地点	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Exhibition 现场展示	Exhibition Hall 展厅									
Oi China Exchange - Spotlights on China's Independent R&D Oi China专题交流活动——聚焦中国自主研发	Oi Theater A Oi剧场 A									
@Oi China Associated Meeting - Presentation of WATERTOOLS' Latest Oceanographic Research Technologies & Instruments @Oi China联名专题会议——水德仪器最新海洋调查设备和技术汇报专场	C25 stand C25展位									
Unmanned Vehicles Conference Track II 无人飞行器专题会议 II	Conference Room A 会议室 A									
Marine Aquaculture Conference Track 海洋渔业专题会议	Conference Room B 会议室 B									
Ocean Observing and Sensing II Conference Track - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL 海洋观测与遥感专题会议 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会	Conference Room A 会议室 A									
Ocean Digitalization Conference Track - Connect Technology to Market 海洋数字化专题会议——连接市场与技术	Conference Room B 会议室 B									

### Friday 15<sup>th</sup> November 2019

#### 2019年11月15日 (星期五)

Activity 活动名称	Location 地点	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
Exhibition 现场展示	Exhibition Hall 展厅									
Navigation, Positioning & Hydrography Conference Track 导航、定位与水文学专题会议	Conference Room B 会议室 B									

Simultaneous interpretation service is available. / 提供同声传译服务。

\* Correct as of 29.10.2019. The programme is subject to change. / 日程更新截止2019年10月29日，最终日程以现场公布为准。

\* Ice Breaker/Blue Whale Club VIP Lunch: By Invitation Only. / 破冰酒会/蓝鲸汇高峰论坛午餐：向受邀嘉宾开放。

# Product Index

## 产品索引

Product Category/Company Name 产品类别/公司名称	Stand No. 展位号
<b>Equipment Manufacturers/整机系统供应商</b>	
<b>Autonomous Underwater Vehicle (AUV)/无缆水下机器人</b>	
Beijing Huaxia Guanggu Photoelectric Technology Co Ltd./北京华夏光谷光电科技有限公司	D81
CHINA SHIPBUILDING INDUSTRY CORPORATION/中国船舶重工集团有限公司	B60
Core-Speed Electric Technology Co., Ltd./常州市睿速电气科技有限公司	W21
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Hangzhou OIA Technology Co., Ltd./杭州鸥影科技有限公司	C25
Hunan Puli Marine Technology Co., Ltd./湖南普利海洋科技有限公司	E11
KLEIN MARINE SYSTEMS, INC.	S27
No.710 R&D Institute, CSIC/中国船舶重工集团有限公司第七一〇研究所	B60
SeaTech China Co., Ltd./广州浩瀚电子科技有限公司	A40
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
shanghai super fan cable coble/上海超帆电缆有限公司	W18
Teledyne Gavia ehf	C10
Tianjin Deepinfar Ocean Technology Co., Ltd./天津深之蓝海洋设备科技有限公司	A60
Tritech International	A40
Xi'an Tianhe Maritime Technologies Co., Ltd./西安天和海防智能科技有限公司	S15
<b>Remotely Operated Vehicles (ROV)/遥控无人潜水器</b>	
Beijing Osees Technology Co.,Ltd./北京欧仕科技有限公司	D25
CHINA SHIPBUILDING INDUSTRY CORPORATION/中国船舶重工集团有限公司	B60
Core-Speed Electric Technology Co., Ltd./常州市睿速电气科技有限公司	W21
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Hebei Xingzhou Technology Co., Ltd./河北兴舟科技有限公司	S33
Hunan Puli Marine Technology Co., Ltd./湖南普利海洋科技有限公司	E11
INTEGRATED SYSTEM LTD./和成系统有限公司	A10
KLEIN MARINE SYSTEMS, INC.	S27
No.710 R&D Institute, CSIC/中国船舶重工集团有限公司第七一〇研究所	B60
Qingdao Guoke Ocean Environmental Engineering&Technology Co.,Ltd. (NIGK)/青岛国科海洋环境工程技术有限公司	N07
SeaTech China Co., Ltd./广州浩瀚电子科技有限公司	A40
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Shanghai Lansheng Special Cable Limited Company/上海缆胜特种电缆有限公司	D79
shanghai super fan cable coble/上海超帆电缆有限公司	W18
Tianjin Deepinfar Ocean Technology Co., Ltd./天津深之蓝海洋设备科技有限公司	A60
Tritech International	A40

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## 产品索引

Product Category/Company Name 产品类别/公司名称	Stand No. 展位号
<b>Unmanned Surface Vessel (USV)/无人水面艇</b>	
CHINA SHIPBUILDING INDUSTRY CORPORATION/中国船舶重工集团有限公司	B60
Core-Speed Electric Technology Co., Ltd./常州市睿速电气科技有限公司	W21
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
EvoLogics GmbH	A40
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Hangzhou OIA Technology Co., Ltd./杭州鸥影科技有限公司	C25
INTEGRATED SYSTEM LTD./和成系统有限公司	A10
Jiangsu Hi-Target Marine Information Technology Co., Ltd./江苏中海达海洋信息技术有限公司	C50
KLEIN MARINE SYSTEMS, INC.	S27
No.710 R&D Institute, CSIC/中国船舶重工集团有限公司第七一〇研究所	B60
Nortek (Qingdao) Measuring Equipment Co., Ltd./青岛诺泰克测量设备有限公司	C01
Qinhuangdao Yaoxing Aids to Navigation Technology Co., Ltd./秦皇岛耀星航标科技有限公司	C03
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Shanghai Baineng Instruments Limited/上海拜能仪器仪表有限公司	A20
Shanghai Huace Navigation Technology. Ltd./上海华测导航技术股份有限公司	D15
shanghai super fan cable coble/上海超帆电缆有限公司	W18
Tritech International	A40
Tsingtao Hydrotech Co.Ltd./青岛海舟科技有限公司	S33
<b>Unmanned Aerial Vehicle (UAV)/无人驾驶空中飞行器</b>	
Beijing Huaxia Guanggu Photoelectric Technology Co Ltd./北京华夏光谷光电科技有限公司	D81
Core-Speed Electric Technology Co., Ltd./常州市睿速电气科技有限公司	W21
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
shanghai super fan cable coble/上海超帆电缆有限公司	W18
<b>Glider/水下滑翔机</b>	
Core-Speed Electric Technology Co., Ltd./常州市睿速电气科技有限公司	W21
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
INTEGRATED SYSTEM LTD./和成系统有限公司	A10
No.710 R&D Institute, CSIC/中国船舶重工集团有限公司第七一〇研究所	B60
Sea & Sun Technology GmbH	N23
shanghai super fan cable coble/上海超帆电缆有限公司	W18
<b>Other/其他</b>	
Annsen/常州阿尔信智能设备有限公司	G01
BEIJING HYDRO-TECH MARINE TECHNOLOGY Co.,LTD/北京海卓同创科技有限公司	D70
China Pacific Property Insurance Co.,Ltd./Hangzhou Central Sub-Branch/中国太平洋财产保险股份有限公司杭州中心支公司	S05
Qindao Tigerfish Marine Equipment Co.,Ltd./青岛泰戈菲斯海洋装备股份公司	C65
Qingdao Hawking Ocean High Technology Co.,Ltd./青岛霍金海洋高科技有限公司	N23

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Product Category/Company Name 产品类别/公司名称	Stand No. 展位号
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
SOMAG AG Jena	D25
<b>Component Manufacturers/零配件供应商</b>	
<b>Surface Control Systems-Mother Vessel/水面控制系统-支持母船</b>	
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Tsingtao Hydrotech Co.Ltd/青岛海舟科技有限公司	S33
<b>Surface Control Systems-Lifting System/水面控制系统-吊装系统</b>	
Beijing Brilliant Sun Technology CO.,LTD/北京双杰特科技有限公司	N27
Beijing Huaxia Guanggu Photoelectric Technology Co Ltd/北京华夏光谷光电科技有限公司	D81
DECK Marine Systems/戴克海洋系统	H01
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Guangzhou Honghai Marine Company/广州鸿海海洋专用设备有限公司	A40
Hangzhou Shallow-Sea Technology Co.,Ltd./杭州浅海科技有限责任公司	A70
Hunan Puli Marine Technology Co., Ltd/湖南普利海洋科技有限公司	E11
MacArtney Underwater Technology Group	C10
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Shanghai LANSUO Electronic Technology Co./上海蓝梭电子科技有限公司	B15
shanghai Ruiling Cable Co., LTD/上海瑞领电缆有限公司	S01
Wuxi Delin Marine & Ocean Technology (Group) Co.,Ltd./无锡德林防务装备股份有限公司	B90
<b>Surface Control Systems-Deck Power Supply Unit/水面控制系统-甲板动力提供单元</b>	
Beijing Brilliant Sun Technology CO.,LTD/北京双杰特科技有限公司	N27
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Hangzhou Shallow-Sea Technology Co.,Ltd./杭州浅海科技有限责任公司	A70
Hebei Xingzhou Technology Co., Ltd./河北兴舟科技有限公司	S33
Hunan Puli Marine Technology Co., Ltd/湖南普利海洋科技有限公司	E11
MacArtney Underwater Technology Group	C10
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Tsingtao Hydrotech Co.Ltd/青岛海舟科技有限公司	S33
<b>Surface Control Systems-Power Distribution System/水面控制系统-配电系统</b>	
Beijing Brilliant Sun Technology CO.,LTD/北京双杰特科技有限公司	N27
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Hebei Xingzhou Technology Co., Ltd./河北兴舟科技有限公司	S33
Hunan Puli Marine Technology Co., Ltd/湖南普利海洋科技有限公司	E11
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45

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Shanghai Lansheng Special Cable Limited Company/上海缆胜特种电缆有限公司	D79
Shanghai LANSUO Electronic Technology Co./上海蓝梭电子科技有限公司	B15
shanghai super fan cable coble/上海超帆电缆有限公司	W18
THE 23rd Research Institute of China Electronic Technology Group Corporation/中国电子科技集团公司第二十三研究所	D20
Tsingtao Hydrotech Co.Ltd/青岛海舟科技有限公司	S33
Zhongtian Technology Marine System Co., LTD./中天海洋系统有限公司	B10
<b>Surface Control Systems-Video Monitor/水面控制系统-视频监控器</b>	
Annsen/常州阿尔信智能设备有限公司	G01
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Guangzhou Heston Electronic Technology Co., Ltd./广州和时通电子科技有限公司	N19
Hangzhou OIA Technology Co., Ltd./杭州鸥影科技有限公司	C25
Hebei Xingzhou Technology Co., Ltd./河北兴舟科技有限公司	S33
Hunan Puli Marine Technology Co., Ltd/湖南普利海洋科技有限公司	E11
Shaanxi oceanX Co., Ltd./陕西中科启航科技有限公司	W01
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
shanghai super fan cable coble/上海超帆电缆有限公司	W18
Zhongtian Technology Marine System Co., LTD./中天海洋系统有限公司	B10
<b>Surface Control Systems-Other/水面控制系统-其他</b>	
RBR Ltd. (Canada)/RBR (China) 青岛亚必锐海洋仪器设备有限公司	C30
Shanghai Huace Navigation Technology. Ltd./上海华测导航技术股份有限公司	D15
<b>Umbilical Systems-Umbilical Winch/脐带系统-脐带绞车</b>	
Beijing Brilliant Sun Technology CO.,LTD/北京双杰特科技有限公司	N27
DECK Marine Systems/戴克海洋系统	H01
Feritech Global Limited/英国Feritech公司	N27
Geo Marine Technology Co., Ltd./上海地海科技有限公司	C10
Guangzhou Honghai Marine Company/广州鸿海海洋专用设备有限公司	A40
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Hydro Products Asia Pte Ltd	C17
Shandong Future Robot Co.,Ltd./山东未来机器人有限公司	D45
Shanghai LANSUO Electronic Technology Co./上海蓝梭电子科技有限公司	B15
shanghai Ruiling Cable Co., LTD/上海瑞领电缆有限公司	S01
Wuxi Delin Marine & Ocean Technology (Group) Co.,Ltd./无锡德林防务装备股份有限公司	B90
<b>Umbilical Systems-Umbilical Cable/脐带系统-脐带缆</b>	
Beijing Brilliant Sun Technology CO.,LTD/北京双杰特科技有限公司	N27
Deep Tide Technology (Shanghai) co., Ltd./深潮科技(上海)有限公司	C33
Feritech Global Limited/英国Feritech公司	N27
Guangzhou Honghai Marine Company/广州鸿海海洋专用设备有限公司	A40
Hangzhou AOHA Marine Engineering Co.,Ltd./杭州鳌海海洋工程技术有限公司	W07
Hebei Xingzhou Technology Co., Ltd./河北兴舟科技有限公司	S33

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## Wednesday 13<sup>th</sup> November 2019 2019年11月13日 (星期三)

09:30-11:30	Opening Plenary 全体会议	Unmanned Vehicle Oi China 2019 无人飞行器大会		Conference Room A 会议室 A
13:00-16:00	Unmanned Vehicles I 无人飞行器专题会议 I	Unmanned Vehicle Oi China 2019 无人飞行器大会	Co-organised by: 共同主办:	Conference Room A 会议室 A
13:00-16:00	Ocean Observing and Sensing I 海洋观测与遥感专题会议 I			Conference Room B 会议室 B

## Thursday 14<sup>th</sup> November 2019 2019年11月14日 (星期四)

10:00-12:00	Unmanned Vehicles II 无人飞行器专题会议 II	Unmanned Vehicle Oi China 2019 无人飞行器大会	Co-organised by: 共同主办:	Conference Room A 会议室 A
10:00-11:20	Marine Aquaculture 海洋渔业专题会议			Conference Room B 会议室 B
13:30-16:45	Ocean Observing and Sensing II - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL 海洋观测与遥感专题会议 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会		Organised by: 主办单位:  Ocean Observation Technology Branch of the Chinese Society of Oceanography / 中国海洋学会海洋观测技术分会 Chinese Society for Oceanography and Limnology Marine Observation Branch / 中国海洋湖沼学会海洋观测分会	Conference Room A 会议室 A
14:00-16:00	Ocean Digitalization Conference Track - Connect Technology to Market 海洋数字化专题会议——链接市场与技术			Conference Room B 会议室 B

## Friday 15<sup>th</sup> November 2019 2019年11月15日 (星期五)

10:00-12:00	Navigation, Positioning & Hydrography 导航、定位与水文学专题会议			Conference Room B 会议室 B
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\* The programme is subject to change. / 最终会议日程以现场公布为准。  
Simultaneous interpretation service is available. / 提供同声传译服务。

## Oi China Conference Programme Oi China会议论坛

Conference Chairman's Welcome  
会议论坛主席欢迎辞

Oceanology International China brings together the Ocean Enterprise – private, commercial and academia – to exchange ideas on the latest developments in ocean technology and their application to the delivery of scientific, societal and business benefits. Whatever your role, the Oceanology conference provides an opportunity for you to interact with the wider ocean business, science and technology community. Whether you are a technologist developing the next novel sensor, the program manager seeking solutions to observe and monitor the ocean and coastal areas, a scientist seeking to better understand the latest technological tools to support your research or you represent an industry that provides marine technology or requires ocean data and information to support its business needs, the Oceanology conference is a great event to interact across the spectrum of communities to open new horizons.

The plenary session will feature leading United States, United Kingdom and Chinese speakers on the ever expanding use of unmanned vehicles that are helping to answer societal challenges and unlocking the mysteries of the ocean. Sessions this year include, two Unmanned Vehicle sessions; Ocean Observing and Sensing; Navigation, Positioning and Hydrography; and Marine Aquaculture, plus we will be hosting the 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch and a session on Ocean Digitalization. With the broad range of talks from across the globe, the conference will provide a great opportunity for networking and discussion of the next generation of marine technologies and scientific discovery.

I look forward to welcoming you to China's premier ocean technology event.

上海国际海洋技术与工程设备展览会（Oi China）将海洋领域的企业、机构与科研院所汇聚一堂，围绕海洋技术的最新发展及应用，就其在科学、社会和商业方面带来的益处交流意见。无论您从事何种岗位，Oi China及Oi China会议论坛都会为您提供更广泛的与业界人士交流的机会。无论您是开发下一代新型传感器的技术专家，寻求解决方案以观察监测海洋和沿海地区的项目经理，是希望更好地了解最新技术工具以支持研究的科学家，还是从事海洋科技相关工作或需要海洋数据和信息来支持业务需求的行业代表，Oi China会议论坛都是各群体全面开展互动，开拓新视野的理想场合。

本届全体会议邀请到来自美国、英国、中国的业界专家学者，就如何利用无人飞行器应对社会挑战、深度探索海洋发表主旨演讲。本届会议论坛的主题包括无人飞行器、海洋观测与遥感、导航、定位与水文学、海洋渔业、海洋数字化，并将同期举办2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会。通过全球专家学者的精彩分享，我们将与您共同探讨未来海洋科技探索的发展趋势，并为参会观众提供绝佳的社交机会，希望每位出席Oi China会议论坛的参会者都能有所收获。

我满怀期待，欢迎大家前来参加中国海洋科技界的行业盛会。

Ms Zdenka Willis  
Conference Chairman, Oceanology International China 2019  
Zdenka Willis女士  
2019年上海国际海洋技术与工程设备展览会会议主席

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



Conference Chairman,  
Ocean Observing and  
Sensing & Marine  
Aquaculture Session  
会议论坛主席、海洋观  
测与遥感及海洋渔业专  
题会议主席

Zdenka Willis  
CEO, Veraison Consulting LLC & President Elect, Marine Technology Society (MTS)

Ms Zdenka Saba Willis, L.L.D is the CEO of Veraison Consulting, focusing on ocean strategies and advocacy. She retired from the National Oceanic and Atmospheric Administration's (NOAA) Senior Executive Service in January 2017. She was the founding Director of the United State Integrated Ocean Observing System (IOOS®) Office, NOAA led, that coordinates a network of people and technology to generate and disseminate continuous data on our coastal waters, Great Lakes, and oceans. From 2006 to 2007 she was the Director of NOAA's National Oceanographic Data Center. Ms Willis retired with the rank of Captain from the United States Navy. As Meteorology and Oceanography officer, she deployed onboard Navy survey vessels, and had a wide range of duties that includes: Deputy Navigator of the Navy, Deputy to Naval Deputy to NOAA; Director of the National Ice Center; Commanding Officer of Oceanographic Unit One at sea on the USNS HARKNESS, Director of the Strategic Policy Forum (a crisis simulation for Members of Congress, senior Executive branch officials, and military leaders) and as adjunct professor in the Strategic Leadership Department at the National Defense University.

Ms Willis received her Bachelor's Degree in Marine Science from the University of South Carolina. She received a Master's degree in Meteorology and Oceanography from the Naval Postgraduate, and a Master's Degree in National Strategy from the Industrial College of the Armed Forces. Ms. Willis was awarded a Doctor of Laws, honoris causa from Dalhousie University in October 2016.

Zdenka Willis  
Veraison Consulting LLC首席执行官、美国海洋技术协会 (Marine Technology Society, MTS) 轮候主席

Zdenka Saba Willis L.L.D女士是 Veraison Consulting首席执行官，专注于海洋战略和宣传。2017年1月从美国国家海洋和大气管理局（NOAA）高级执行官一职退休。她是NOAA领导下的美国综合海洋观测系统（IOOS®）办公室创始主任，该机构负责协调人与技术网络以生成和传播有关沿海水域、五大湖及海洋的连续数据。2006至2007年，担任NOAA国家海洋学数据中心主任。Willis女士从美国海军队退休时已获得上将军衔。期间作为气象学与海洋学官员，她曾负责部署舰上海军调查船，职责范围广泛，包括：海军副领航员、NOAA海军副总参谋部副参谋长、National Ice Center主任、USNS HARKNESS舰上海洋一分队指挥官、战略与政策论坛主任（国会议员、高级行政机构官员和军事领导人的危机模拟委员会）以及在美国国防大学任战略领导系副教授。

Willis女士获得南卡罗来纳大学海洋科学学士学位。拥有海军研究院气象与海洋学硕士学位及武装部队工业学院国家战略硕士学位。Willis女士于2016年10月获得戴尔蒙斯大学法律博士荣誉学位。

# Oi China Conference Programme

## Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Unmanned Vehicles  
Session Chairman**  
无人飞行器专题会议  
主席

### Speaking Session(s):

**Topic:** Unmanned Vehicles I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 无人飞行器 I

**会议时间:** 2019年11月13日 13:00-16:00

### Stephen Hall

**CEO, Society for Underwater Technology (SUT)**

Stephen Hall is CEO of the Society for Underwater Technology ([www.sut.org](http://www.sut.org)) an international Learned Society for Marine Science & Technology. Before joining SUT he worked for 27 years in oceanographic science, was Head of the International Office at the National Oceanography Centre, Southampton and leader of the UK delegation to UNESCO's Intergovernmental Oceanographic Commission where he was elected Vice Chair from 2015-17. Stephen's career has included managing the Autosub AUV Science Missions Programme, tracer chemistry at sea, tsunami warning system work and strong engagement in education, policy making and outreach to the public about ocean science & technology.

### Stephen Hall

**水下技术学会 (Society for Underwater Technology, SUT) 首席执行官**

Stephen Hall现任水下技术协会 (SUT) ([www.sut.org](http://www.sut.org)) 首席执行官, 该协会是国际性海洋科学与技术学术团体。在加入SUT前, 他在海洋科学领域工作27年之久, 曾担任南安普敦国家海洋学中心国际办事处负责人以及联合国教科文组织政府间海洋学委员会英国代表团领导者, 而且2015-2017年间还被选举为该委员会副主席。在Stephen的职业生中, 他还曾负责Autosub AUV科学任务计划、海上示踪化学、海啸警示系统工作并积极从事教育工作、制定政策和向公众进行有关海洋科学和技术的外展宣传。

# Oi China Conference Programme

## Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Keynote Speaker**  
全体会议演讲嘉宾

### Speaking Session(s):

**Topic:** Opening Plenary

**Time:** 09:30-11:30, 13<sup>th</sup> November 2019

**Topic:** Ocean Observing and Sensing II - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch

**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 全体会议

**会议时间:** 2019年11月13日 09:30-11:30

**会议议题:** 海洋观测与遥感II暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会

**会议时间:** 2019年11月14日 13:30-16:45

### Xuye Luo

**Researcher, The National Ocean Technology Center (NOTC)**

Xuye Luo, researcher of the National Ocean Technology Center, has been accepting the special government allowances of the State Council since 1999. Professor LUO has been committed to the research and development of ocean technologies as well as strategic research tasks for decades. As a former expert group member for the theme of marine monitoring technologies in the National High-tech R&D Program (863 Program), he is now working as an expert in the National Key R&D Plan, the principal researcher in charge of the State Oceanic Administration (SOA) subcommittee for drafting the scheme of civil-military integration development in marine undertakings, president of the Ocean Observation Committee under the Chinese Society for Oceanography, chief editor of the Journal of Ocean Technology, as well as an expert reviewer of China's State Science and Technology Awards.

He is mainly engaged in a broad range of research areas, including ocean observation, monitoring and surveillance in China's ocean areas, civil-military integration development in the marine sector, marine renewable energies, as well as the strategic planning for the progress of ocean technologies. As the chief editor, he has completed a series of monographs, most notably the Progress in Marine High Technologies and Strategic Research Report on the Development and Utilization of Marine Renewable Energies. In addition, he has published dozens of academic papers in core journals, concerning ocean observing technologies, the exploitation of marine energies and other research hotspots.

### 罗续业

**国家海洋技术中心研究员**

国家海洋技术中心二级研究员, 1999年起享受国家政府特贴。罗续业长期从事海洋技术研发及战略研究工作, 曾担任国家技术中心主任、国家863计划海洋监测技术主题专家组成员。现担任国家重点研发计划“海洋环境安全保障”专项论证及指南编写专家, 中国海洋学会常务理事、海洋观测技术分会主任委员, 国家科技奖评审专家、中国海洋科学与技术奖励委员会委员。

主要科研领域包括: 海洋观测监测监视技术、海洋军民融合技术、海洋可再生能源, 以及海洋技术战略研究规划等。先后主持编写了《海洋高技术进展》、《海洋可再生能源开发利用战略研究报告》等专著, 在核心期刊发表了有关海洋观测技术、海洋能开发等方面数十篇学术论文。

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



Keynote Speaker  
全体会议演讲嘉宾

### Speaking Session(s):

Topic: Opening Plenary

Time: 09:30-11:30, 13<sup>th</sup> November 2019

Topic: Ocean Observing and Sensing I

Time: 13:00-16:00, 13<sup>th</sup> November 2019

### Emma Helsop

Programme Specialist Global Ocean Observing System (GOOS), Intergovernmental Oceanographic Commission of UNESCO

Emma is a physical oceanographer with significant strategic & business development expertise. An initial career in the technology industry developed skills in new market development and communications. Sailing made her profoundly aware of the importance of the oceans and of the human impacts on them. She completed a PhD in physical oceanography and is passionate about the need for sustained monitoring of the oceans and the utility of ocean data for science, government and industry applications. She is now focused on energising the community, nations and partners towards the implementation of the Global Ocean Observing System 2030 Strategy.

### Emma Helsop

联合国教科文组织 (UNESCO) 政府间海洋学委员会全球海洋观测系统 (Global Ocean Observing System, GOOS) 项目专员

Emma是一位物理海洋学家，拥有重要的战略及商业发展专长。最初在科技行业的职业生涯培养了她在新市场开发与传播方面的技能。航海经历让她深刻地认识到海洋的重要性以及人类对海洋的影响。她获取了物理海洋学博士学位，且对持续监测海洋的需要以及海洋数据在科学、政府和工业应用中的实用性充满热情。如今，她致力于激励社区、国家和合作伙伴，实施《全球海洋观测系统2030战略》。

### 参与场次:

会议议题: 全体会议

会议时间: 2019年11月13日 09:30-11:30

会议议题: 海洋观测与遥感 I

会议时间: 2019年11月13日 13:00-16:00

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



Keynote Speaker  
全体会议演讲嘉宾

### Speaking Session(s):

Topic: Opening Plenary

Time: 09:30-11:30, 13<sup>th</sup> November 2019

Topic: Ocean Observing and Sensing II

Time: 13:30-16:45, 14<sup>th</sup> November 2019

- 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch

Time: 13:30-16:45, 14<sup>th</sup> November 2019

### Fei Yu

Professor & Supervisor of Ph. D students, Institute of Oceanology, Chinese Academy of Sciences, "Hundreds-Talent Program" professor of Chinese Academy of Sciences (2009) and Taishan Scholars (2008)

Fei Yu, born in April 1969, Ph.D, Professor and Supervisor of Ph. D students at Institute of Oceanology, Chinese Academy of Sciences, "Hundreds-Talent Program" professor of Chinese Academy of Sciences (2009) and Taishan Scholars (2008). Prof. Yu is mainly working on Marine in-situ observation and regional oceanography. Recently, he researched on 3D structure of Yellow Sea warm current, mechanism of Yellow Sea cold water mass, daily variability of north YSCWM front, water exchange between Kuroshio and East China Sea, and circulation in Pacific and climate change. Over 30 projects include the National Nature Science Funds, Strategic Priority Research Program of Chinese Academy of Sciences, National Key Technologies R&D Program, Global Change and Air-Sea Interaction and so on. He had new recognition about 3D structure of YSWC, mechanism of YSCMW and subsurface eddy in the western Pacific.

### 于非

中国科学院海洋研究所研究员/博士生导师、中国科学院百人计划入选者、山东省泰山学者

于非，1969年4月出生，理学博士，中国科学院海洋研究所研究员，博士生导师。中国科学院百人计划入选者，山东省泰山学者。主要从事海洋调查与区域海洋学研究工作。近年来的研究工作主要围绕黄海暖流三维结构与黄海冷水团的形成维持机制、北黄海冷水团锋面日变化特征研究、黑潮与东海水交换、太平洋环流与气候变化等方向开展研究工作，承担30多项重大研究项目，包括国家自然科学基金、中科院先导专项、国家重点研发计划、“全球变化与海气相互作用”专项等，对黄海暖流的三维结构、黄海冷水团形成机制、西太平洋次表层环流结构等科学问题取得了系列科学认识。



## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Keynote Speaker**  
全体会议演讲嘉宾

### Speaking Session(s):

**Topic:** Opening Plenary

**Time:** 09:30-11:30, 13<sup>th</sup> November 2019

**Topic:** Unmanned Vehicles I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 全体会议

**会议时间:** 2019年11月13日 09:30-11:30

**会议议题:** 无人飞行器 I

**会议时间:** 2019年11月13日 13:00-16:00

### Gary Hesling

**Associate Director, NLA International**

A professional naval officer, master mariner and Category A hydrographer, Captain Gary Hesling concluded a successful 33-year career in the Royal Navy in the summer of 2019. He commanded the Royal Navy's hydrographic ships in his final role as Hydrographer of the Navy, was head of branch for some 450 environmental and geospatial specialists and was a non-executive director on the UK Hydrographic Office Board. Gary vigorously promotes the utility of advanced sensors, autonomous technologies and automated information systems to collect, collate, fuse, analyse and display marine and maritime data in game changing formats and services. He is also a passionate advocate of the natural marine environment, understanding that modern, accurate datasets underpin every facet of maritime operations to enhance environmental sustainability, safety, marine resource management, energy, tourism and trade across the burgeoning international blue economy.

### Gary Hesling

**NLA International 副总监**

Gary Hesling为英国皇家海军服务33年，曾任专业海军军官、船长及A级水道测量家，最后于2019年夏季结束任职。在职时期末，他担任的职位是英国皇家海军的水文学家，其岗位责任包括指挥隶属皇家海军的水文船，也是约450名环境与地理空间专家分支机构的负责人，同时出任英国水文局董事会的非执行董事。一直以来，他大力推广先进传感器、自主技术和信息自动化的使用，以转变现今采集、整理、融合、分析和显示海洋数据的方式。此外，他也是自然海洋环境保护的倡导者。他认为数据的更新与准确性支撑着各种各样的海事运作，而海事运作与各个方面环环相扣，对于环境可持续性的发展、海洋安全、海洋资源管理、能源、旅游和蓬勃发展的蓝色经济与贸易等各个方面的建设均有影响。

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Keynote Speaker**  
全体会议演讲嘉宾

### Speaking Session(s):

**Topic:** Opening Plenary

**Time:** 09:30-11:30, 13<sup>th</sup> November 2019

**Topic:** Unmanned Vehicles I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 全体会议

**会议时间:** 2019年11月13日 09:30-11:30

**会议议题:** 无人飞行器 I

**会议时间:** 2019年11月13日 13:00-16:00

### Weicheng Cui

**Chair Professor, Deep Sea Technology Research Center, School of Engineering, Westlake University**

Weicheng Cui, He received his Bachelor degree from Tsinghua University in 1986 and Ph.D from University of Bristol, UK in 1990. Returning to China in February 1993, he was employed by China Ship Science Research Center. In 1999, he was appointed as the first special professor of the Yangtze River Scholar Award Scheme. In 2002, he was appointed as the Director of China Ship Scientific Research Center and project leader and the First Deputy chief Designer for Jiaolong Project. In 2013, he joined Shanghai Ocean University and founded the first Hadal Science and Technology Research Center in domestic universities. He has joined West Lake University full-time since September, 2018 and has been appointed as Chair Professor in School of Engineering and the head of Deep Sea Technology research center. He is also an adjunct professor and Director of Hadal Science and Technology Research Center of Shanghai Ocean University.

### 崔维成

**西湖大学工学院深海技术研究中心讲席教授**

崔维成，1986年清华大学固体力学专业学士，1990年英国布里斯托大学博士。1993年2月回国，在中国船舶科学研究中心工作。1999年被上海交通大学聘为首批“长江学者奖励计划”特聘教授。2002年担任中国船舶科学研究中心所长，“蛟龙”号总体与集成项目负责人，第一副总设计师。2013年加盟上海海洋大学，在国内高校中创立首个深渊科学与技术研究中心，发起“彩虹鱼挑战深渊极限”的项目，目标是研制出包括全海深载人/无人潜水器构成的深渊科学技术流动实验室。2018年9月起全职加入西湖大学，受聘为工学院讲席教授并担任深海技术研究中心主任，同时兼任上海海洋大学深渊科学技术研究中心主任。

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Keynote Speaker**  
全体会议演讲嘉宾

### Speaking Session(s):

**Topic:** Opening Plenary

**Time:** 09:30-11:30, 13<sup>th</sup> November 2019

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

### Brian Connon

**Director, University of Southern Mississippi's Hydrographic Science Research Center**

Brian Connon is Director of the University of Southern Mississippi's Hydrographic Science Research Center. During his 28 years in the US Navy, he directed the National Geospatial-Intelligence Agency's Maritime Safety Office, served as Superintendent of the US Naval Observatory, Deputy Navigator of the Navy, Deputy Oceanographer of the Navy, and Commanding Officer of the Navy's Fleet Survey Team. A certified hydrographer, he holds a BS in Geography (University of South Carolina), an MS in Oceanography and Meteorology (Naval Postgraduate School) and an MS in Hydrographic Science (University of Southern Mississippi).

### Brian Connon

**南密西西比大学水文科学研究中心主任**

Brian Connon是南密西西比大学水文科学研究中心的主任。在任职于美国海军的28年中，他领导了国家地理空间情报局的海上安全办公室，担任过美国海军天文台的主管，以及海军副领航员，海军副海洋研究员以及海军舰队测量队的指挥官。他是一名认证的水文工作者，持有地理学学士学位（南卡罗来纳大学）、海洋学与气象学硕士学位（海军研究生院）以及水文科学硕士学位（南密西西比大学）。

### 参与场次:

**会议议题:** 全体会议

**会议时间:** 2019年11月13日 09:30-11:30

**会议议题:** 导航、定位与水文学

**会议时间:** 2019年11月15日 10:00-12:00

## Oi China Conference Programme Oi China会议论坛

Session Chairmen & Keynote Speakers  
会议主席及主题演讲嘉宾



**Content Director**  
会议论坛内容总监

### Dalei Song

**Ph.D, Professor, Director of Innovation Center, Ocean University of China**

Mr. Song Dalei is a Professor of Automation Department of Ocean University of China (OUC), focusing on the research of ocean intelligent sensing and control. Supported by Major Program of National Natural Science Foundation of China, National Key Research and Development Plan, National High Technology Research and Development Program of China(863 Program), the team led by Mr. Song involve the research and development of smart float, acoustic glider, ROV, mooring system, turbulence instruments, etc. These equipment or key components and parts have obtained about 20 China Invention Patents and 2 US Patents. He has published about 50 academic articles in area of ocean observation and underwater vehicle control. He is also the Director of Innovation Center of OUC, responsible for cultivation of innovation talent of ocean technology. He instructs several top robotic Contests of China and his team also win over 50 awards, such as the Champion, Second place, special award, first prize etc. He is executive director of National College Student Alliance for Innovation & Entrepreneurship Practice (NCSAP), Council member of Shandong Association of Automation (SAA), Council member of Shandong Robotics Society (SRS).

Mr. Song received his Bachelor's Degree in Industrial Electric Automation, Master's Degree in Electric Drive and Automation, PhD in Mechanical and Electronic Engineering from Harbin Institute of Technology. He received an EMBA in Executive Management from Royal Road University of Canada.

### 宋大雷

**中国海洋大学创新教育实践中心主任，教授，博士生导师**

宋大雷先生是中国海洋大学工程学院自动化及测控系教授、博士生导师，中国海洋大学创新教育实践中心主任。全国大学生创新创业实践联盟常务理事，山东省机器人研究会理事，山东省自动化学会理事。主要从事海洋智能感知与控制的科研和创新创业教育工作。他所领导的课题组依托国家自然科学基金重大科研仪器研制项目、国家重点研发计划项目、国家高技术研究发展计划（863计划），国家海洋局海洋公益性行业科研专项经费项目，开展智能浮标、声学滑翔机、ROV、潜标、湍流观测仪器等装备或关键零部件研发，形成国际专利2项，国家发明专利20余项，在海洋观测、水下航行器控制等领域发表学术论文50余篇。所领导创新中心，组织参加国内水下机器人相关竞赛，培养创新人才，指导学生获得国际、国家级冠军、亚军、特等奖、一等奖50余项。

宋大雷先生获得哈尔滨工业大学工业电气自动化学士学位，电力传动及自动化硕士学位和机械电子工程博士学位，加拿大皇家大学Executive Management专业工商管理硕士学位。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

会议议题: 海洋观测与遥感 I  
会议时间: 2019年11月13日 13:00-16:00

### Alexander Aceldy Engineer, NKE Instrumentation

After graduating from the University of Paris - College of engineering, Mr. ACELDY worked as a research and development engineer and is now the head of the international technical support of NKE Instrumentation.

NKE Instrumentation is a manufacturer of high precision scientific instruments for in situ water monitoring. For more than 20 years NKE has been working with scientists worldwide to provide them with reliable data measured directly in the field.

### Alexander Aceldy NKE Instrumentation工程师

从巴黎大学工程学院毕业后, ACELDY先生从事研发工程师工作, 现在已是NKE Instrumentation公司的国际技术支持经理。

NKE Instrumentation是服务于现场水质监测的精密科学仪器制造商。在NKE任职的20多年来, 他持续与全球科学家合作并为他们提供可靠的现场测定数据。凭借公司拥有的专家与研发工程师团队, 以及其与CNRS和IFREMER等知名研究机构的合作, NKE Instrumentation现已成为水质测定技术领域的龙头企业。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

会议议题: 海洋观测与遥感 I  
会议时间: 2019年11月13日 13:00-16:00

### André Reuter International Sales Manager, HYDRO-BIOS Apparatebau GmbH, Altenholz, Germany

My profession is technical sales expert for marine technology and I am with Hydro-Bios for three years now in addition I am head of our sewing workshop.

Before I was employed by Sea & Sun Technology a German CTD probe manufacturer as technical sales manager international for eight years.

### André Reuter 德国HYDRO-BIOS Apparatebau GmbH国际销售经理

André Reuter任德国HYDRO-BIOS海洋技术专家顾问三年, 兼任公司制造车间负责人。

此前就职于CTD探头供应商德国Sea & Sun科技公司, 担任全球技术顾问8年。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

Topic: Marine Aquaculture

Time: 10:00-11:20, 14<sup>th</sup> November 2019

### 参与场次:

会议议题: 海洋渔业

会议时间: 2019年11月14日 10:00-11:20

### Annie Chen

Senior Sales Executive, Wieland Metals Shenzhen Limited

Annie Chen, female, Senior Sales Executive in Wieland Metals Shenzhen Limited. Ms. Annie Chen is in charging of Wieland whole China market for extruded and drawn products including copper mesh & net.

Wieland has been a copper and copper alloy producer since 1820 and has 199 years history which headquarter located at Ulm, Germany.

Aquaculture is one important application for Wieland. Wieland's good performance copper mesh & net is used of deep-sea wind and wave resistant cages and large sea station projects.

### 陈昊

维兰德金属(深圳)有限公司高级销售主管

陈昊, 女, 维兰德金属(深圳)有限公司高级销售主管, 负责维兰德大中华区铜合金网衣的市场和销售。

维兰德成立于1820年, 至今199年历史, 总部在德国乌尔姆, 深远海渔业养殖市场为维兰德重点发展市场。

公司为该行业研发生产的铜网适用于深远海抗风浪网箱和大型半潜式海洋平台。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

Topic: Unmanned Vehicles II

Time: 10:00-12:00, 14<sup>th</sup> November 2019

### 参与场次:

会议议题: 无人飞行器 II

会议时间: 2019年11月14日 10:00-12:00

### Binbin Pan

Deputy Director, Hadal Science and Technology Research Center of Shanghai Ocean University

2009~2013, Engineers of the Underwater Engineering department the China Ship Science Research Center (CSSRC), participated in the overall design and ultimate strength calculation of the "Jiaolong" and the "Deep Sea Warrior" HOV.

2013~2014, Engineer of the Hadal Science and Technology Research Center (HAST) of Shanghai Ocean University, where he served as the chief designer of the 10,000-meter landers.

2014~2016, Honor scholar of the Oceanlab at the University of Aberdeen, UK, to carry out a collaborative design project on the 10,000-meter lander with Alan Jamieson.

2016~now, Associate researcher and deputy director of HAST, responsible for the second generation 11000m lander, 4500-meter profile buoy, modular underwater platform, key technology research of new underwater vehicle, and pushing forward the industrialization of deep-sea technology. Has published more than 20 papers and several patents.

### 潘彬彬

上海海洋大学深渊科学与技术研究中心副主任

2009~2013, 中国船舶科学研究中心水下工程开发室工程师, 参与了“蛟龙”号入级、“深海勇士”号总体设计与载人舱计算等工作。

2013~2014, 上海海洋大学深渊科学与技术研究中心工程师, 担任万米着陆器总设计师。

2014~2016, 英国阿伯丁大学海洋实验室访问学者, 开展万米着陆器合作设计项目。

2016~今, 上海海洋大学深渊科学与技术研究中心副研究员, 副主任, 负责着陆器、4500米剖面浮标、模块化水下平台、新型水下航行体关键技术研究、深海技术产业化等工作。已发表论文二十余篇, 专利数项。

## Oi China Conference Programme

### Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

#### Speaking Session(s):

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

#### 参与场次:

**会议议题:** 导航、定位与水文学

**会议时间:** 2019年11月15日 10:00-12:00

#### Blair Cunningham

**President of Technology, Coda Octopus Products, Inc**

With over 30 years technical and commercial experience in the solution driven technology sector, he has been instrumental in providing large-scale systems analysis, software design and platform roll-out technologies for large-scale public companies including Royal Bank of Scotland, Abbot Group plc and Peel Holdings plc. He has served as President of Technology (2012-present), Chief Technology Officer (2005-2012) of Coda Octopus Group, Inc. and Senior Vice President with Coda Octopus Products Ltd (2004-2005). Bringing a new vision and energy to the marine industry, a technologist at heart, he has responsibility to advance the proprietary real-time 3D technologies within the Group.

#### Blair Cunningham

**Coda Octopus Products, Inc技术总裁**

Blair在以解决方案为驱动的技术领域拥有超过30年的技术和商业经验，在为大型上市公司提供大规模系统分析、软件设计和平台推出技术方面发挥了重要作用，这些公司包括苏格兰皇家银行 (Royal Bank of Scotland)、艾博特集团 (Abbot Group plc) 和皮尔控股 (Peel Holdings plc)。曾任Coda Octopus Group, Inc.技术总裁 (2012-至今)、首席技术官 (2005-2012) 和Coda Octopus Products Ltd高级副总裁 (2004-2005)。作为一名技术专家，他为海洋产业带来了新的愿景和能量，负责在集团内部推进专有的实时3D技术。

## Oi China Conference Programme

### Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

#### Speaking Session(s):

**Topic:** Ocean Digitalization - Connect Technology to Market

**Time:** 14:00-16:00, 14<sup>th</sup> November 2019

#### 参与场次:

**会议议题:** 海洋数字化——链接市场与技术

**会议时间:** 2019年11月14日 14:00-16:00

#### Chao Liu

**Lecturer, College of Information science and engineering, Ocean University of China**

Chao Liu, Ph.D, Member of China ACM SIGAPP Chapter and Qingdao Chapter, Member of IEEE 1851, 2402 and 2735. His research interests are ocean big data, delay tolerant network, IoT, and parallel system. He is the PI or Co-PI of many national projects, such as National R&D Program, NSFC foundations and so on. He has published more than 30 papers indexed by SCI/EI. He is the drafter of 4 IEEE Standards and 1 China National Standard.

#### 刘超

**中国海洋大学信息科学与工程学院讲师**

刘超，博士，ACM应用计算专委会委员，ACM青岛分会委员，IEEE 1851、2402、2735工作组成员，长期从事海洋大数据、容迟网络、物联网技术与分布式计算技术的研究工作。先后主持参与了国家自然科学基金重大仪器项目、重点项目、面上项目、青年项目、国家重点研发计划、国家973计划等在内的多项国家级项目。累计发表学术论文SCI/EI收录学术论文30余篇，参与制定国际标准4项、国家标准1项。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

**Chaoran Du**  
Product Manager, OROS

Chaoran Du received her M. Sc. And Ph.D degrees in Electrical Engineering from the University of Edinburgh, where she worked as a research associate after the studies. Her research interests have included signal and image processing, with applications in MIMO radar and synthetic aperture radar. She is currently working at OROS as a product manager, and her main focus is acoustic imaging and source localization.

**堵超然**  
OROS产品经理

堵超然分别于2006年和2010年在英国爱丁堡大学电子工程学院获得硕士和博士学位，之后作为研究助理继续进行多个项目的研发。她的主要研究方向为信号与图像处理，特别是在MIMO雷达和合成孔径雷达方面的应用，包括目标探测，定位和识别等。堵超然目前是法国OROS公司的产品经理，负责的产品主要用于声学成像以及噪声源的定位和识别。

### 参与场次:

**会议议题:** 导航、定位与水文学

**会议时间:** 2019年11月15日 10:00-12:00

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Unmanned Vehicles I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

**Eric Siegel**  
Sales Director, RBR Ltd

Eric Siegel is trained as a physical oceanographer has broad experience in many aspects of oceanographic and subsea technology, measurements, and science. He has held leadership positions in sales, business development, product development, and strategic planning activities. Eric has published numerous papers on innovative ocean sensing technology and application development. He is a demonstrated growth leader with market depth, customer touch, and technical expertise. Eric has achieved success in developing new applications and businesses with customers in China, USA, Canada, Mexico, UK, and much of Europe.

**Eric Siegel**  
RBR Ltd营销总监

Eric是一位经验丰富的物理海洋学家，知识领域包括海洋学、水下技术及水下测量，并且在业务、商业开发、产品开发及战略规划领域都曾任高层职位，并曾发表创新海洋感应技术与应用开发有关的论文。Eric对商业市场了如指掌、具有技术及客户管理专长，是一个成长型领导者。他联手中国、美国、加拿大、墨西哥、英国和部分欧洲国家的客户，开发新应用并成功拓展其业务。

### 参与场次:

**会议议题:** 无人飞行器 I

**会议时间:** 2019年11月13日 13:00-16:00

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



### Speaking Session(s):

**Topic:** Unmanned Vehicles I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 无人飞行器 I

**会议时间:** 2019年11月13日 13:00-16:00

### Haijun Li

**Deputy Director, Beijing Automation Control Equipment Institute**

Deputy Director, Beijing Automation Control Equipment Institute, Senior Engineer, External tutor of Master Engineering, Beijing Institute of Technology, published 16 papers and applied for more than 50 patents.

**Session Speaker**  
专题会议演讲嘉宾

### 李海军

**北京自动化控制设备研究所惯导系统总体室副主任**

北京自动化控制设备研究所惯导系统总体室副主任，高级工程师，北京理工大学工程硕士研究生校外导师，发表论文16篇，申请专利50余项。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



### Speaking Session(s):

**Topic:** Ocean Digitalization - Connect Technology to Market

**Time:** 14:00-16:00, 14<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 海洋数字化——链接市场与技术

**会议时间:** 2019年11月14日 14:00-16:00

### Haiyang Tan

**Technical Manager, DNV GL Oil & Gas Noble Denton Marine Services**

Dr.TAN Haiyang is the Technical Manager for DNV GL Oil & Gas Noble Denton Marine Services. He joined DNV GL in 2012, after holding a variety of technical and management positions in leading offshore consulting and EPCI companies including LOC, Hallin Marine, McDermott and ARUP. His expertise mainly focus on offshore structure design/analysis and installation projects. He has abundant project experience in offshore Oil & Gas industries in China, South East Asia and Australia for more than 15 years. He earned a Ph.D degree in Structural Engineering from Nanyang Technology University in Singapore, and he is Chartered Engineer of UK and Australia.

**Session Speaker**  
专题会议演讲嘉宾

### 谭海阳

**DNV GL石油天然气部Noble Denton海事服务部技术经理**

谭海阳博士，现任DNV GL石油天然气部Noble Denton海事服务部技术经理。他于2012年加入DNV GL，此前在包括LOC, Hallin Marine, McDermott 和 ARUP等多家海工相关咨询及EPCI公司担任技术与管理工作。他的技术专长为海工结构的计算分析及安装工程，在中国、东南亚、澳洲等区域的海洋工程领域有15年以上的丰富项目经验。他拥有新加坡南洋理工大学结构工程博士学位，并具有英国及澳大利亚特许工程师资格。

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专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing II  
- 2019 Annual Meeting of CSO Ocean  
Observation Technology Branch & CSOL  
Marine Observation Branch  
**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

### Jiancheng Yu

**Researcher, Supervisor of Ph. D Students, Shenyang Institute of Automation,  
Chinese Academy of Sciences (CAS)**

Yu majored in Mechanical and Electronic Engineering and graduated with a Ph.D degree in engineering from the Shenyang Institute of Automation, CAS in 2006. He has been working in the institute since March 2005, with his research focusing on conceptual marine technology and equipment systems, independent marine environment observation theory and technology together with underwater robot control methods. From August 2009 to July 2010, he was a visiting scholar at the Department of Electronics and Computer Science, Georgia Institute of Technology. He has presided over 15 scientific research projects, published more than 110 academic papers and applied for 53 patents. He was selected as a Leader in Scientific and Technological Innovation under the National Special Support Program for High-Level Personnel Recruitment, Outstanding Individual in the Automation Industry of China 2018, Outstanding Individual in the Marine Arena 2017 and was awarded the first prize for Technological Invention in Liaoning Province (ranked first).

### 俞建成

**中国科学院沈阳自动化研究所研究员、博士生导师**

2006年毕业于中科院沈阳自动化研究所机械电子工程专业，获工学博士学位。2005年3月至今一直在中科院沈阳自动化研究所工作，主要从事新概念海洋技术装备系统研究、自主海洋环境观测理论与技术研究、水下机器人控制方法研究。2009年8月-2010年7月在美国佐治亚理工学院电子与计算机系做访问学者。主持各类科研项目15项，发表学术论文110余篇，申请专利53项。入选国家“万人计划”科技创新领军人才、2018年度中国自动化领域年度人物、2017年度海洋人物，获辽宁省技术发明一等奖一项（排名第一）。

### 参与场次:

**会议议题:** 海洋观测与遥感 II 暨2019年  
中国海洋学会海洋观测技术分会及中国  
海洋湖沼学会海洋观测分会学术年会  
**会议时间:** 2019年11月14日 13:30-16:45

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专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Marine Aquaculture  
**Time:** 10:00-11:20, 14<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 海洋渔业  
**会议时间:** 2019年11月14日 10:00-11:20

### Jianguo Shi

**Deputy Director of the Center, Researcher, East China Sea Fisheries Research  
Institute, Chinese Academy of Fishery Sciences**

Presided over more than 100 science and technology projects and won more than 20 awards for various kinds of science and technology. Made important contributions to deep-sea cages, large-scale aquaculture fences and rope net materials, and the related achievements were reported by CCTV and other media. Published more than 100 papers, authorized more than 100 invention patents, revised more than 60 standards, edited more than 10 monographs and won honorary titles such as leading talents. The National Aquatic Standardization Technical Committee of fishing gear and fishing gear materials sub-technical committee of the Secretary-General, executive deputy director of the Quality Supervision, Inspection and Testing Center of Rope & Net Products of Ministry of Agriculture, the Deputy Secretary-General of the industry associations of Chinese Fishing Vessels & Fishing Mechanical & Fishing Gear, the Member of fishery equipment and engineering discipline, Chinese Academy of Fishery Sciences, etc.

### 石建高

**中国水产科学研究院东海水产研究所中心副主任、研究员**

石建高，主要从事深远海网箱、大型水产养殖围栏、海洋渔业、渔具及渔具材料等研究。主持科技项目100多项，获各类科技奖励20余次，为深远海网箱、大型养殖围栏以及绳网材料等做出重要贡献，相关成果被CCTV等多家媒体报道。发表论文100多篇，授权发明专利100多项，制修订标准60余项，主编或参编专著10多部，获领军人才等荣誉称号。现任全国水产标准化技术委员会渔具及渔具材料分技术委员会秘书长、农业农村部绳索网具产品质量监督检验测试中心常务副主任、中国渔船渔机渔具行业协会副秘书长、全国家用纺织品委员会线带分技术委员会委员、中国水产科学研究院渔业装备与工程学科委员和威海市网箱工程技术研究中心副主任等。



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Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

Topic: Unmanned Vehicles I

Time: 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

会议议题: 无人飞行器 I

会议时间: 2019年11月13日 13:00-16:00

### Jianguo Wu

Associate Professor, Hebei University of Technology

Wu Jianguo, Hohhot, Inner Mongolia, Associate Professor of Hebei University of Technology, General Manager of Tianjin Hanhai Lanfan Marine Technology Co., Ltd., master tutor, worked at Shenyang Institute of Automation, Chinese Academy of Sciences, graduated from Tianjin University. So far, a total of 17 papers have been published, of which 4 were collected by SCI and 9 by EI. 23 national patents have been applied, including 15 invention patents, 8 utility model patents, 10 have been authorized, participating in editing two works. He presided over 15 scientific research projects, and the contract amount of Hebei University of Technology was over 6 million yuan. The main research directions are modular autonomous underwater vehicle platform, adaptive control of underwater vehicle environment and underwater vehicle process sensing system.

### 武建国

河北工业大学副研究员

武建国, 内蒙古呼和浩特人, 河北工业大学副教授, 天津瀚海蓝帆海洋科技有限公司总经理, 硕士生导师, 曾工作于中国科学院沈阳自动化研究所, 毕业于天津大学。迄今为止, 共发表论文17篇, 其中SCI收录4篇, EI收录9篇; 申请国家专利23项, 其中发明专利15项, 实用新型专利8项, 已授权10项; 参编著作2部; 主持科研项目15项, 河北工业大学主持项目合同额超600余万元。主要研究方向为模块化自主水下机器人平台, 水下机器人环境自适应控制, 水下机器人流程感知系统。

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Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

Topic: Marine Aquaculture

Time: 10:00-11:20, 14<sup>th</sup> November 2019

### 参与场次:

会议议题: 海洋渔业

会议时间: 2019年11月14日 10:00-11:20

### Jianping Li

Associate Professor, Shenzhen Institutes of Advanced Technology, CAS

Dr. LI Jianping works in Shenzhen Institutes of Advanced Technology of CAS as an associate professor at present. His research interests include in situ optical sensing of marine micro-organisms and advanced optical instrumentation. He has been PI or member for over twelve projects funded by Hong Kong Research Grant Council, National Science Foundation of China, Ministry of Science and Technology of China, Instrument and equipment project of CAS, etc. He has publications mainly in renowned journals in optics and given plenary and oral presentations in many international and domestic conferences such as Ocean Optics, International Ocean Color Sciences, and etc.

### 李剑平

中国科学院深圳先进技术研究院副研究员

李剑平博士, 中国科学院深圳先进技术研究院副研究员, 博士生导师。研究兴趣是海洋微小生物原位光电检测技术及高级光学仪器。先后主持和参与香港大学教育资助局(RGC)、国家自然科学基金、科技部重点研发计划、中国科学院仪器装备专项、深圳市科技创新委等多项研究项目。发表知名光学期刊论文多篇, 在 Ocean Optics, International Ocean Color Sciences等知名国际会议做特邀及口头报告多次。

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Session Speaker  
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#### Speaking Session(s):

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

#### Lingxiao Zhu

**Country Manager- China, RIEGL International GmbH**

Dr. Lingxiao Zhu finished his PhD study with distinction in the field of high-energy ultrafast fiber lasers at Vienna University of Technology (TU Wien) in 2011. Afterwards, he worked as Laser Engineer at Menlo Systems GmbH in Munich, and then as PostDoc Researcher at University of Vienna separately. Currently he is with RIEGL International GmbH in Austria as Country Manager for China.

朱凌霄

**RIEGL International GmbH中国区总经理**

朱凌霄博士于2011年以优异的成绩在维也纳工业大学完成了高能超快光纤激光器的博士研究。之后，他在慕尼黑Menlo Systems GmbH公司担任激光工程师，之后又分别在维也纳大学 (University of Vienna) 担任博士后研究员。目前，他在RIEGL International GmbH担任中国区经理。

#### 参与场次:

**会议议题:** 导航、定位与水文学

**会议时间:** 2019年11月15日 10:00-12:00

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Session Speaker  
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#### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I

**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

**Topic:** Unmanned Vehicles II

**Time:** 10:00-12:00, 14<sup>th</sup> November 2019

#### Maxime Velu

**Sales & Marketing Manager, RTSYS**

Maxime is an Engineer specialized in autonomous vehicle and maritime science.

#### Maxime Velu

**RTSYS销售与市场经理**

Maxime是一位专门研究无人机和海洋科学的工程师。

#### 参与场次:

**会议议题:** 海洋观测与遥感 I

**会议时间:** 2019年11月13日 13:00-16:00

**会议议题:** 无人飞行器 II

**会议时间:** 2019年11月14日 10:00-12:00

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**Session Speaker**  
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### Speaking Session(s):

**Topic:** Ocean Observing and Sensing II - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch  
**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

### Min Li

**Researcher, Institute of Marine Instruments and Meters, Shandong Academy of Sciences**

Li served as director at the Buoy Research Office and deputy director at the Institute of Marine Instruments and Meters, Shandong Academy of Sciences. He has long been engaged in the research and production development of marine instruments along with making remarkable achievements in marine buoys. He has presided over a number of national 863 and marine public welfare programs, won three National Scientific and Technological Progress Awards and receives more than ten provincial-level Middle-Young Talent with Outstanding Contributions to Shandong Province. He also receives additional government allowance from the State Council.

### 李民

**山东省科学院海洋仪器仪表研究所研究员**

曾任山东省科学院海洋仪器仪表研究所浮标研究室主任、副所长，长期从事海洋仪器研制工作，在海洋浮标等领域取得显著成绩，主持多项国家863及海洋公益项目，获得国家科技进步奖三次，省部级科技进步奖十余次，2007年被推荐为山东省有突出贡献的中青年专家，2008年获得国务院政府特殊津贴。

### 参与场次:

**会议议题:** 海洋观测与遥感 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会  
**会议时间:** 2019年11月14日 13:30-16:45

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**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Unmanned Vehicles I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019  
**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 无人飞行器 I  
**会议时间:** 2019年11月13日 13:00-16:00  
**会议议题:** 海洋观测与遥感 I  
**会议时间:** 2019年11月13日 13:00-16:00

### Oscar Schofield

**Distinguished Professor, Center for Ocean Observing Leadership, Department of Marine and Coastal Sciences - Rutgers University, New Brunswick**

Oscar Schofield received his PhD at the University of California Biology at Santa Barbara and then took a postdoctoral position in the Department of Agriculture, before joining Rutgers as a faculty member in 1995. He and his partners formed Rutgers University Center of Ocean Observing Leadership (RU COOL), which for almost 3 decades has been building state of the art ocean observing networks. These networks are anchored by remote sensing, HF Radar, and undersea robots. The networks are being used to study the physics of typhoons, and climate change impacts for temperate and polar seas.

### Oscar Schofield

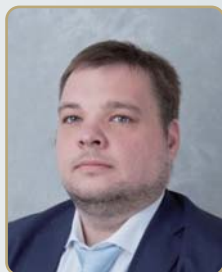
**罗格斯大学海岸海洋科学系海洋观测领导中心特聘教授**

Oscar在加州大学圣巴巴拉分校 (University of California Biology at Santa Barbara) 获得博士学位，之后在农业部获得博士后学位，1995年加入罗格斯大学(Rutgers)担任教职。之后和他的合作伙伴成立了罗格斯大学海岸海洋科学系海洋观测领导中心 (RU COOL)。该中心近30年来一直致力于建立最先进的海洋观测网络，这些网络由遥感技术、高频雷达和水下机器人维持，观测网络主要研究台风的物理性质，以及气候变化对温带和极地海洋的影响。

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**Session Speaker**  
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#### Speaking Session(s):

**Topic:** Ocean Digitalization - Connect Technology to Market

**Time:** 14:00-16:00, 14<sup>th</sup> November 2019

#### 参与场次:

**会议议题:** 海洋数字化——链接市场与技术

**会议时间:** 2019年11月14日 14:00-16:00

#### Pavel Golubev CEO, MaritimeAI

Pavel is the CEO of MaritimeAI startup focused on applying Data Science to maritime industry.

Before starting MaritimeAI he worked both as a consultant for such companies as Ernst&Young and Accenture, as well as industry leaders like Renault-Nissan alliance and S7 Airlines, in the domains of applied mathematical modelling, analytics and data science.

He is graduate of Moscow State University (Master of Science) and Higher School of Economics (MBA in supply chain).

#### Pavel Golubev MaritimeAI首席执行官

Pavel 现任MaritimeAI公司CEO, 该公司聚焦将数据科学应用到海事行业。在创立该公司前, 除了在领先的行业公司Renault-Nissan联盟和S7航空公司任职之外, 他还曾在Ernst&Young以及埃森哲任咨询师, 专注于应用数学模型、分析以及数据科学领域。Pavel毕业于莫斯科国立大学(理科硕士)并获得了俄罗斯国家研究型高等经济大学MBA学位(供应链)。

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**Session Speaker**  
专题会议演讲嘉宾

#### Speaking Session(s):

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

#### 参与场次:

**会议议题:** 导航、定位与水文学

**会议时间:** 2019年11月15日 10:00-12:00

#### Peiji Mu Account Manager- China, Teledyne CARIS and Optech

Master degree, geology background. Three years experience as an expert in ocean surveying and mapping field. Specialize in multibeam data automatic realtime processing, post-processing, analyzing and managing various data sources by CARIS software. Expert in introducing CARIS software and doing demonstration, play a major role and involve in several TCARIS and TOptech workshops.

#### Peiji Mu Teledyne CARIS and Optech中国区客户经理

Peiji Mu, 硕士学位, 地质背景。有三年海洋测绘方面的经验。擅长利用CARIS软件对多波束数据进行自动实时处理、后处理、分析和各种数据源。擅长CARIS软件的引进和演示, 多次参与TCARIS和TOptech的工作坊。

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**Session Speaker**  
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#### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

#### 参与场次:

会议议题: 海洋观测与遥感 I  
会议时间: 2019年11月13日 13:00-16:00

#### Qi Wang

**Sales & Marketing Associate, RBR Ltd.**

Qi Wang is a sales and marketing associate at RBR Ltd. (Canada) where Qi supports the sales and marketing activities in China. She received her BSc and MSc in Physical Oceanography from Ocean University of China and Dalhousie University, and she also holds an MEng in Hydrology and Water Resources. Qi used to work at Institute of Oceanology Chinese Academy of Sciences and Bedford Institute of Oceanography as a research assistant, and at RBR as a calibration technician. She now applies both her academic and industrial experience to assist the customers to provide solutions to measuring the blue planet.

#### 王琪

**RBR Ltd. 公司销售与营销助理**

王琪在加拿大RBR有限公司任职为销售与营销助理，为公司在中国区销售与市场活动提供支持。她取得中国海洋大学和达尔豪斯大学（Dalhousie University）的物理海洋学理学学士和理学硕士学位，同时持有水文学和水资源学学士学位。曾在中国科学院海洋研究所和贝德福德海洋研究所担任助理研究员，并在RBR公司担任校准技术员。她现在运用她的学术专知和工业经验帮助客户，为他们提供海洋测量的最佳方案。

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**Session Speaker**  
专题会议演讲嘉宾

#### Speaking Session(s):

**Topic:** Unmanned Vehicles II  
**Time:** 10:00-12:00, 14<sup>th</sup> November 2019

#### 参与场次:

会议议题: 无人飞行器 II  
会议时间: 2019年11月14日 10:00-12:00

#### Ravi Gadiraju

**Technical Director, Geomardy**

Accomplished, highly skilled professional with 25+ years experience in integrating defense technologies to provide state of the art turnkey solutions towards the objective by bringing cross-functional knowledge coupled with deep understanding of Information Technology, and global trends. Holds MS in Industrial & Systems engineering with experience in more than 100+ projects.

#### Ravi Gadiraju

**Geomardy 技术总监**

Ravi拥有工业和系统工程硕士学位，曾参与100多个项目，是一名技术高度熟练的专业技术人员，具有25年以上的国防技术整合经验。通过对信息技术和全球趋势的深入理解，他可以带来最先进的交钥匙解决方案。

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### Speaking Session(s):

Topic: Unmanned Vehicles I

Time: 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

会议议题: 无人飞行器 I

会议时间: 2019年11月13日 13:00-16:00

**Richard Dowdeswell**  
General Manager, Kongsberg

Dr. Richard Dowdeswell joined Kongsberg GeoAcoustics as General Manager in 2017. Prior to this he spent 10 years with the UK Government's Centre for Environment Fisheries and Aquaculture Science (Cefas) in a range of management positions. Prior to Cefas he spent 8 years running a university spin-out company.

**Richard Dowdeswell**  
Kongsberg总经理

Richard Dowdeswell博士在2017年加入康斯伯格地声学有限公司担任总经理。在此之前的10年时间里，他在英国环境、渔业和水产养殖科学中心（CEFAS）担任一系列管理职位。在加入CEFAS之前的8年时间里，他运营着一家大学的衍生公司。

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Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

Topic: Unmanned Vehicles II

Time: 10:00-12:00, 14<sup>th</sup> November 2019

### 参与场次:

会议议题: 无人飞行器 II

会议时间: 2019年11月14日 10:00-12:00

**Richard Khaira-Creswell**  
PMO Director & Principle Senior Metocean Engineer, AXYS Technologies

Richard Khaira-Creswell is the Director of PMO & Principle Senior Metocean Engineer working with AXYS Technology. A chartered Scientist, Marine Technologist, and Marine Scientist with IMaREST; Richard has worked for over 15 years in the oil & gas and offshore wind energy markets. In the last 3 years Richard worked with Danish company Orsted as Technology Responsible for Metocean, has specialised in the application of new Floating LiDAR technology to significantly reduce the cost of offshore wind energy via the application of tailored high-quality data. He believes in collaboration with peers and building strong relationships to form highly effective teams which deliver excellence.

**Richard Khaira-Creswell**  
AXYS Technologies项目管理总监、首席高级Metocean工程师

Richard Khaira-Creswell是AXYS Technology的项目管理总监和首席高级Metocean工程师，IMaREST特许科学家、海洋技术专家和海洋科学家。Richard在油气和海上风能行业有超过15年的工作经验。在过去3年里，Richard作为Metocean的技术负责人，与丹麦Orsted公司一起工作，致力于新型浮动激光雷达技术的应用，通过量身定制的高质量数据，极大地降低了海上风能的成本。他相信与同行的合作，与高效能的团队建立了良好的关系。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Marine Aquaculture

**Time:** 10:00-11:20, 14<sup>th</sup> November 2019

**Topic:** Navigation, Positioning & Hydrography

**Time:** 10:00-12:00, 15<sup>th</sup> November 2019

**Scott McLay**  
Sales Director, Tritech International

Scott McLay was appointed Tritech's Sales Director in November 2011. Scott has over 20 years' experience in the subsea industry, prior to joining Tritech he held several senior management roles in both Houston and Singapore. Scott is responsible for leading the sales team and Tritech's international sales activity, working closely with all Tritech's partners and global distributors.

**Scott McLay**  
Tritech International销售总监

Scott McLay于2011年11月被任命为Tritech的销售总监。在加入Tritech之前，他在休斯顿和新加坡都担任过高级管理职位。Scott负责领导销售团队和Tritech的国际销售活动，与Tritech的所有合作伙伴和全球分销商紧密合作。

### 参与场次:

会议议题: 海洋渔业

会议时间: 2019年11月14日 10:00-11:20

会议议题: 导航、定位与水文学

会议时间: 2019年11月15日 10:00-12:00

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Unmanned Vehicles II

**Time:** 10:00-12:00, 14<sup>th</sup> November 2019

**Shoujun Li**  
Professor, Second Institute Of Oceanography, MNR

Degree: Doctor, Master Instructor

Profession: Earth exploration and information technology

Title: Professor-level senior engineer

Research direction: Topographic Geographic Surveying and Application Research

**李守军**  
自然资源部第二海洋研究所教授级高工

学位: 博士, 硕士研究生导师

专业: 地球探测与信息技术

职称: 教授级高工

研究方向: 地形地理测绘与应用研究

### 参与场次:

会议议题: 无人飞行器 II

会议时间: 2019年11月14日 10:00-12:00

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### Tik Sun

**Managing Director, Integrated Systems Ltd.**

Dr. Tik Sun is the managing director of Integrated System Ltd.. He has obtained his PhD degree in Materials Science from University of Central Florida in 2009. He has led research and development projects of pass-by noise measurement systems and telemetry systems. He is at present providing integrated solutions for underwater noise monitoring projects.

### 孙迪

**和成系统有限公司董事总经理**

孙迪博士现任和成系统有限公司总经理，2009年毕业于Central Florida，获得材料工程学博士，他主持过通过噪声测量系统的研发项目，提供噪声监测项目的综合解决方案。

### 参与场次:

**会议议题:** 海洋观测与遥感 I  
**会议时间:** 2019年11月13日 13:00-16:00

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



**Session Speaker**  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing II  
- 2019 Annual Meeting of CSO Ocean  
Observation Technology Branch & CSOL  
Marine Observation Branch  
**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

### Wei Zhao

**Professor & Supervisor of Ph. D Students, Ocean University of China**

Zhao has long been engaged in the observation, research and application of multi-scale dynamic processes such as internal waves in the South China Sea. He presided over the establishment of "South China Sea Submarine Observation Network", the largest regional ocean observation system in the world that studies the mechanism of multi-scale dynamic processes in the South China Sea systematically. Furthermore, he has undertaken more than 20 projects including key national R&D projects, major national 863 projects and key National Natural Science Foundation projects. He has published more than 50 SCI papers in international key marine journals and obtained 4 international invention patents, 9 national invention patents. Moreover, Zhao is a recipient of the Excellent Youth Science Fund for National Defense Science and Technology, a Leader in Scientific and Technological Innovation under the National Special Support Program for High-Level Personnel Recruitment. Other than those aforementioned, he is a Taishan Scholar of Shandong Province as well as a Middle-Young Talent with Outstanding Contributions in Scientific and Technological Innovation of the Ministry of Science and Technology.

### 赵玮

**中国海洋大学教授、博士生导师**

长期从事南海内波等多尺度动力过程观测、研究及应用工作，主持构建了世界上规模最大的区域海洋观测系统——“南海潜标观测网”，系统开展南海多尺度动力过程机理研究。承担国家重点研发计划项目、国家863计划重大项目、国家自然科学基金重点基金等项目20余项；在国际海洋权威期刊发表SCI论文50余篇，获国际发明专利4项，国家发明专利9项。入选国防科技卓越青年科学基金，“万人计划”科技创新领军人才，科技部中青年科技创新领军人才，山东省泰山学者特聘专家。



# Oi China Conference Programme

## Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing II  
- 2019 Annual Meeting of CSO Ocean  
Observation Technology Branch & CSOL  
Marine Observation Branch  
**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

**Weisheng Zhu**  
President, Lightsun Technology

For years, Zhu has been responsible for corporate and project R&D management, has organised technicians to study chemical analysis techniques and online marine environmental monitoring / observation technology, which allows him to achieve remarkable results. He has presided over and participated in more than 10 key marine scientific research projects by the Ministry of Science and Technology at provincial and municipality levels. Furthermore, he has obtained nearly 40 patents, including 7 authorised inventions and won the first prize of Geographic Information Technology Progress Award. His team creatively applied discrete analysis technique and chemical analysis methods to online monitoring of seawater quality, then developed and industrialised a series of marine chemical analysis instruments and in-situ monitoring sensors which are representatives of the nation's technological advancement. The innovative application of the discontinuous chemical analysis technology online has been widely adopted in offshore environmental monitoring within China as it has revolutionised traditional online monitoring instruments, greatly improving automation aspects, intelligence, batch capacity of online chemical analysis as well as monitoring efficiency.

**朱伟胜**  
深圳市朗诚科技股份有限公司总裁

多年来一直负责企业及项目研发的管理工作，组织技术人员围绕化学分析技术、海洋环境在线监测/观测技术进行了不断的探索与研究，取得了多项成果。主持和参与了10余项国家科技部、省、市重点海洋科研项目，取得专利近40项，其中授权发明（7项），获国家地理信息科技进步一等奖。带领技术团队创新性地将间断化学分析技术与化学分析方法应用在海洋水质在线监测上，研发并产业化了代表国际先进技术水平的系列海洋在线化学分析仪器及原位监测传感器产品。基于间断化学分析技术的创新在线应用，颠覆了传统在线监测仪器的监测模式，大幅度提高了在线化学分析的自动化、智能化和批量化能力及监测效率，在中国近海环境监测中得到广泛应用。

### 参与场次:

**会议议题:** 海洋观测与遥感 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会  
**会议时间:** 2019年11月14日 13:30-16:45

# Oi China Conference Programme

## Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

**Xiangqian Zhu**  
Professor, Shandong University

PhD in the multi-body dynamics, mechanical system design, Pusan National University.

2010~2016, studied the dynamics of the floating offshore wind turbine and mooring system, published 5 SCI papers.

2016~2018, worked in software company, which is famous for the dynamics analysis of flexible multibody system. Took charge of the technical support of the whole Chinese market.

2018.7~ , work in the school of mechanical engineering, Shandong University, as a full professor. Work on the dynamics of the floating structural, aquaculture net cage, mooring system, and predict the position of the digital array of the deep sea towed system.

**朱向前**  
山东大学研究员

2010~2016年在韩国釜山大学，从事以柔性多体动力学、水动力学为理论背景，以计算辅助工程为研究手段，以海上浮动式风力发电机、系泊缆索为研究对象的研究工作，在Nonlinear Dynamics, Ocean engineering等杂志发表5篇SCI论文；2016~2018在韩国柔性多体动力学软件公司从事技术工程师工作，2018年7月以研究员的身份进入山东大学机械工程学院工作。从事海上漂浮结构物、浮动网箱、系泊缆索的水动力响应分析，深拖地震探测系统数字阵列的姿态预报及稳定控制工作。

## Oi China Conference Programme

### Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

#### Speaking Session(s):

Topic: Ocean Observing and Sensing I  
Time: 13:00-16:00, 13<sup>th</sup> November 2019

#### 参与场次:

会议议题: 海洋观测与遥感 I  
会议时间: 2019年11月13日 13:00-16:00

#### Xin Sun

Associate Professor, Ocean University of China

XIN SUN received his BSc, MSc and PhD from the College of Computer Science and Technology at Jilin University in 2007, 2010 and 2013 respectively. He did the Post-Doc research (2016-2017) in the department of computer science at the Ludwig Maximilians University of Munich. He is currently an associate professor at Ocean University of China. His current research interest includes machine learning, computer vision and underwater image processing.

#### 孙鑫

中国海洋大学副教授

孙鑫，分别于2013年、2010年和2007年获吉林大学博士、硕士和学士学位，并于2016年至2017年期间在德国慕尼黑大学从事博士后研究。现任中国海洋大学信息学院计算机系副教授，硕士生导师。主要研究兴趣主要包括机器学习、模式识别和复杂网络等。近年来主持或参与国家自然科学基金等研究课题多项，在包括计算机学报、Pattern Recognition、AAAI等在内的学术期刊和国际会议发表论文50余篇。

## Oi China Conference Programme

### Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

#### Speaking Session(s):

Topic: Unmanned Vehicles II  
Time: 10:00-12:00, 14<sup>th</sup> November 2019

#### 参与场次:

会议议题: 无人飞行器 II  
会议时间: 2019年11月14日 10:00-12:00

#### Xiujun Sun

Professor, Ocean University of China

Dr. Xiujun Sun, the professor from Ocean University of China has focused on the R&D of underwater robots for about 13 years, he accumulated abundant of experience by fabricating AUV, USV, Underwater Glider, Wave Glider etc. Since 2012, Dr. Sun has attended many scientific research projects on the Wave Glider technologies and made a lot of achievements in the field of research on wave glider technologies and its applications.

#### 孙秀军

中国海洋大学教授

孙秀军，中国海洋大学教授，天津大学机械工程专业工学博士，佐治亚理工学院电气与计算机工程专业公派留学生。孙秀军连续多年从事波浪滑翔器、自主水下航行器、水下滑翔机、自持剖面浮标以及水面无人船等的研发工作，具有丰富的移动观测平台研发经验。自2012年以来，孙秀军教授主持承担国家和省部级波浪滑翔器技术相关课题多项，内容涉及波浪滑翔器的工作机理研究、关键技术攻关、编队组网控制、海洋观测应用以及工程化/产业化技术等。

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing II - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch  
**Time:** 13:30-16:45, 14<sup>th</sup> November 2019

### Yan Li

Senior Engineer, National Ocean Technology Center

From 2010 to 2018, Li was the deputy director of the Strategy Office of the National Ocean Technology Center. From 2012 to 2013, he was a visiting scholar at the research group working on Neptune Undersea Observation Network, the University of Victoria, Canada. Since his return to China, he has been engaged in the strategic research on undersea observation technology and the construction of demonstration projects. He has undertaken projects including the strategic and technical research of undersea observation and the construction of demonstration projects. In addition, he participated in the demonstrations of national major projects as a key technical engineer and attained numerous achievements which includes national patents, software copyrights and SCI paper publications.

### 李彦

国家海洋技术中心高级工程师

2010-2018年，曾任国家海洋技术中心战略室副主任。2012-2013年间，在加拿大维多利亚大学海王星海底观测网课题组做访问学者，回国后一直致力于海底观测技术的战略研究与工程示范建设。承担了国家基金、海洋公益专项等资助的海底观测战略研究、技术研究和示范工程建设等项目，并作为主要技术骨干参与了国家重大工程论证，取得了国家发明专利、软件著作权、SCI论文发表等多项成果。

### 参与场次:

**会议议题:** 海洋观测与遥感 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会  
**会议时间:** 2019年11月14日 13:30-16:45

## Oi China Conference Programme Oi China会议论坛

Session Speakers  
专题会议演讲嘉宾



Session Speaker  
专题会议演讲嘉宾

### Speaking Session(s):

**Topic:** Ocean Observing and Sensing I  
**Time:** 13:00-16:00, 13<sup>th</sup> November 2019

### 参与场次:

**会议议题:** 海洋观测与遥感 I  
**会议时间:** 2019年11月13日 13:00-16:00

### Zhaoshuo Tian

Professor, Harbin Institute of Technology (Weihai)

Zhaoshuo Tian is an outstanding talent of the new century, according to the Ministry of Education, and also a professor and supervisor for Ph.D students in Harbin Institute of Technology (Weihai). As of now, he is the director of Information Optoelectronics Research Institute in Harbin Institute of Technology (Weihai), directors for the Innovation Center of Marine Optoelectronic Monitoring & Engineering Technology and also key laboratories researching on marine resources and environmental testing, both located in Shandong province. He is involved in more than 40 state-level and provincial-level research projects. Having more than 150 papers published in key journals from home and abroad, as well as over 10 patents awarded by the state for inventions, he has been invited as a speaker for numerous academic conferences held locally and overseas. He bagged numerous awards including excellent doctoral thesis, best teaching staff in Harbin Institute of Technology and the title of Top 10 Greatest Inventors in Weihai city. As of now, Tian is a member of IEEE, The Optical Society of America (OSA), The Chinese Optical Society (COS) and an expert in Science and Technology project evaluation at the state and provincial levels. His main research work includes: laser radar for ocean monitoring, laser spectrum detection technology, ocean photoelectric detection technology, laser technologies and its applications etc.

### 田兆硕

哈尔滨工业大学（威海）教授

教授，博士生导师，教育部新世纪优秀人才。现任哈工大（威海）船海光电装备研究所所长，山东省海洋光电监测工程技术协同创新中心主任，海洋资源与环境检测山东省高校重点实验室主任。已完成和正在承担国家级和省部级科研项目40余项。在国内外重要期刊发表论文150余篇，多次受邀在国内外学术会议做邀请报告，获得国家发明专利10余项。被评为哈尔滨工业大学优秀博士论文、哈工大优秀教师、威海市十大发明家。现为国际IEEE、美国光学学会及中国光学学会会员，国家及省科技项目评审专家。目前主要研究工作包括：海洋监测激光雷达、激光光谱探测技术、海洋光电探测技术、激光器及其应用技术等。

# Oi China Conference Programme

## Oi China会议论坛

Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

Wednesday 13<sup>th</sup> November 2019

**Topic: Opening Plenary**

**Time: 09:30-11:30**

**Location: Conference Room A**



Chairperson: Zdenka Willis

CEO, Veraison Consulting LLC & President Elect, Marine Technology Society (MTS)

Our ocean, seas and coastal regions are critical to life on Earth, and a rapidly expanding 'blue economy' estimated to be worth \$3-6 trillion per year. Societies need for ocean observations to inform and manage these multi-faceted challenges is growing; achieving sustainability at global, regional and local scales will require a comprehensive understanding of the current and projected state of our ocean, seas and coasts. The plenary session features speakers from China, the Global Ocean Observing System Program Office, United Kingdom and the United States to talk about the growing use of unmanned vehicles as they support all aspects of the blue economy and increasing our understanding of the oceans for the sea surfaces to the sea bed. We are excited to have Dr. Emma Helsop, of the IOC-GOOS office to talk about the first outcomes of the OceanObs19 meeting that concluded last month. OceanObs19, is held every 10 years, and brings the community together to set the course for the next decade of ocean observing and science.

09:30-09:50	Technology Development and Application of Ocean Observing Unmanned Vehicle in China Xuye Luo, Researcher, The National Ocean Technology Center (NOTC)
09:50-10:10	High Level Results of OceanObs19; IOC Decade of the Ocean; GOOS Going Forward and Focus on UV Emma Helsop, Programme Specialist Global Ocean Observing System (GOOS), Intergovernmental Oceanographic Commission of UNESCO
10:10-10:30	Ocean Mesoscale Vortex Autonomous Observation System Design Based on USV Fei Yu, Professor & Supervisor of Ph. D students, Institute of Oceanology, Chinese Academy of Sciences, "Hundreds-Talent Program" professor of Chinese Academy of Sciences (2009) and Taishan Scholars (2008)
10:30-10:50	Marine Autonomy as Blue Economy Solutions Gary Hesling, Associate Director, NLA International
10:50-11:10	On a General System Approach to Push Forward a Large Project Weicheng Cui, Chair Professor, Deep Sea Technology Research Center, School of Engineering, Westlake University
11:10-11:30	Unmanned Systems: A US Perspective Brian Connon, Director, University of Southern Mississippi's Hydrographic Science Research Center

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

# Oi China Conference Programme

## Oi China会议论坛

Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

2019年11月13日 (星期三)

**会议议题: 全体会议**

**会议时间: 09:30-11:30**

**会议地点: 会议室 A**



会议主席: Zdenka Willis

Veraison Consulting LLC首席执行官、美国海洋技术协会 (Marine Technology Society, MTS) 轮候主席

我们的海洋和沿海地区对地球上的生命至关重要, 不仅如此, "蓝色经济"持续增长, 预计每年将创造3-6万亿美元的价值。社会越来越需要海洋观测来提供信息支持并应对多方面、支持增长的挑战; 要在全球、区域和地方各级实现可持续性, 就必须全面了解海洋和海洋的现状和预计状况。本场全体会议汇集来自中国、英国、美国及全球海洋观测系统 (GOOS) 的业内专家, 将就如何利用无人飞行器支持蓝色经济增长及海洋开发展开讨论。我们很高兴邀请国际海洋学委员会-全球海洋观测系统 (IOC-GOOS) 的Emma Helsop博士分享本屆的OceanObs19会议的第一项成果。

09:30-09:50	中国海洋观测无人潜水器技术发展与应用 罗续业, 国家海洋技术中心研究员
09:50-10:10	OceanObs19高水平成果展示; 国际海洋学委员会 (IOC) 海洋科学的十年; 全球海洋观测系统 (GOOS) 迈向未来, 聚焦无人飞行器 Emma Helsop, 联合国教科文组织 (UNESCO) 政府间海洋学委员会全球海洋观测系统 (Global Ocean Observing System, GOOS) 项目专员
10:10-10:30	基于无人船的大洋中尺度涡自主观测系统设计 于非, 中国科学院海洋研究所研究员/博士生导师、中国科学院百人计划入选者、山东省泰山学者
10:30-10:50	蓝色经济解决方案: 海洋自主化 Gary Hesling, NLA International副总监
10:50-11:10	如何用系统思维的方法来推动一个重大工程项目 崔维成, 西湖大学工学院深海技术研究中心讲席教授
11:10-11:30	美国视角下的无人系统 Brian Connon, 南密西西比大学水文科学研究中心主任

\* 最终会议日程以现场公布为准。  
\* 提供同声传译服务。

# Oi China Conference Programme

## Oi China会议论坛

Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

Wednesday 13<sup>th</sup> November 2019

Co-organised by:  
The Society for Underwater  
Technology (SUT)



**Topic: Unmanned Vehicles I**  
**Time: 13:00-16:00**  
**Location: Conference Room A**



Chairperson: Stephen Hall  
CEO, Society for Underwater Technology (SUT)

The session will focus on the progress in technology, design & legal status of marine autonomous systems.

13:00-13:20	Autonomy is an Enabler to Maritime Environmental Exploitation Gary Hesling, Associate Director, NLA International
13:20-13:40	Development progress of Autonomous and Remotely operated Vehicle "Rainbowfish" Weicheng Cui, Chair Professor, Deep Sea Technology Research Center, School of Engineering, Westlake University
13:40-14:00	Using Autonomous Underwater Gliders to Map Physical, Chemical and Biological Processes in the Ocean Oscar Schofield, Distinguished Professor, Center for Ocean Observing Leadership, Department of Marine and Coastal Sciences – Rutgers University, New Brunswick
14:00-14:20	Challenges and Measures for Autonomous Navigation of Submersibles Haijun Li, Associate Director, Beijing Automation Control Equipment Institute
14:20-14:40	Afternoon break
14:40-15:00	AUVs for Sustained Ocean Observations in Support of the UN Decade of Ocean Science for Sustainable Development Stephen Hall, CEO, Society for Underwater Technology (SUT)
15:00-15:20	Smart RBR Technology to Enable More Measurements Eric Siegel, Sales Director, RBR Ltd
15:20-15:40	Development Practice and Application of Modular Autonomous Underwater Robot Jianguo Wu, Associate professor, Hebei University of technology
15:40-16:00	Side Scan, Bathymetry and Sub-Bottom Profiling Surveys of Remote Sites Using USVs Richard Dowdeswell, General Manager, Kongsberg

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

# Oi China Conference Programme

## Oi China会议论坛

Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

2019年11月13日 (星期三)

共同主办:  
水下技术学会 (SUT)



**会议议题: 无人飞行器 I**  
**会议时间: 13:00-16:00**  
**会议地点: 会议室 A**



会议主席: Stephen Hall  
水下技术学会 (Society for Underwater Technology, SUT) 首席执行官

本次会议将集中讨论海洋自主系统在设计、技术和法律地位方面的进展。

13:00-13:20	自主化是海洋环境开发的助推器 Gary Hesling, NLA International 副总监
13:20-13:40	"彩虹鱼"号全海深复合型无人潜水器的研究进展 崔维成, 西湖大学工学院深海技术研究中心讲席教授
13:40-14:00	利用自主水下滑翔机开展海洋物理、化学与生物过程的测绘 Oscar Schofield, 罗格斯大学海岸海洋科学系海洋观测领导中心特聘教授
14:00-14:20	水下潜航器自主导航面临的挑战与对策 李海军, 北京自动化控制设备研究所惯导系统总体室副主任
14:20-14:40	茶歇
14:40-15:00	助力联合国"海洋科学促进可持续发展十年"计划: 自主水下机器人在持续性海洋观测中的应用 Stephen Hall, 水下技术学会 (Society for Underwater Technology, SUT) 首席执行官
15:00-15:20	智能RBR技术, 助力实现更多测量 Eric Siegel, RBR Ltd 营销总监
15:20-15:40	模块化自主水下机器人开发实践及应用 武建国, 河北工业大学副研究员
15:40-16:00	利用无人水面艇进行远程站点侧扫、测深法与海底浅层剖面测量 Richard Dowdeswell, Kongsberg 总经理

\* 最终会议日程以现场公布为准。  
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# Oi China Conference Programme

## Oi China会议论坛

Wednesday 13<sup>th</sup> November 2019

**Topic: Ocean Observing and Sensing I**

**Time: 13:00-16:00**

**Location: Conference Room B**



Chairperson: Zdenka Willis

CEO, Veraison Consulting LLC & President Elect, Marine Technology Society (MTS)

From the global to the regional scale systems this session will show how the use of ocean observations and sensing are supporting both real-time decision making and scientific advancement. The session will also discuss a wide variety of sensors from seismic to optical and from marine mammals to plastics.

13:00-13:15	GOOS Perspective Emma Helsop, Programme Specialist Global Ocean Observing System (GOOS), Intergovernmental Oceanographic Commission of UNESCO
13:15-13:30	MicroPlastic Sediment Separator MPSS - a novel, highly efficient method for the separation of plastic particles in sediments of aquatic environments André Reuter, International Sales Manager, HYDRO-BIOS Apparatebau GmbH, Altenholz, Germany
13:30-13:45	KAYAK Modular Digital Hydrophone Array Tik Sun, Managing Director, Integrated System Ltd.
13:45-14:00	Real-Time Detection of Marine Mammal in an Embedded System: it will explain the research done in Europe in order to protect the marine mammal through acoustic monitoring Maxime Velu, Sales & Marketing Manager, RTSYS
14:00-14:15	International RBR Projects from the Deep Ocean to the Polar Regions Qi Wang, Sales & Marketing Associate, RBR Ltd.
14:15-14:45	Afternoon break
14:45-15:00	The Utility of the United States Integrated Ocean Observing System in the Mid-Atlantic for the Benefit of Society Oscar Schofield, Distinguished Professor, Center for Ocean Observing Leadership, Department of Marine and Coastal Sciences - Rutgers University, New Brunswick
15:00-15:15	Mesoscale Ocean Phenomena Detection and Prediction via Artificial Intelligence Xin Sun, Associate Professor, Ocean University of China
15:15-15:30	Dynamic Analysis and Stability Control of the Deep-towed Seismic Array Xiangqian Zhu, Professor, Shandong University
15:30-15:45	In situ Direct Density Measurements with Optical Technologies and Integration on Subsea Vehicles Alexandre Aceldy, Engineer, NKE Instrumentation
15:45-16:00	On-line Seawater Monitoring Internet of Things System Based on Laser Spectrum Technology Zhaoshuo Tian, Professor, Harbin Institute of Technology (Weihai)

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

# Oi China Conference Programme

## Oi China会议论坛

2019年11月13日 (星期三)

**会议议题: 海洋观测与遥感 I**

**会议时间: 13:00-16:00**

**会议地点: 会议室 B**



会议主席: Zdenka Willis

Veraison Consulting LLC首席执行官、美国海洋技术协会 ( Marine Technology Society, MTS ) 轮候主席

本场会议将展示各类传感器的最新应用案例, 以及如何利用海洋观测和遥感来支持区域乃至全球范围内的系统实时决策和科技进步。

13:00-13:15	全球海洋观测系统 ( GOOS ) 观点讨论 Emma Helsop, 联合国教科文组织 ( UNESCO ) 政府间海洋学委员会全球海洋观测系统 ( Global Ocean Observing System, GOOS ) 项目专员
13:15-13:30	微塑料沉积物分离器MPSS: 一种高效分离水生环境沉积物中塑料颗粒的新方法 André Reuter, 德国HYDRO-BIOS Apparatebau GmbH国际销售经理
13:30-13:45	KAYAK模块化数字水听器阵列 孙迪, 和成系统有限公司董事总经理
13:45-14:00	嵌入式系统对海底哺乳动物的实时探测: 欧洲通过声学监测进行海洋哺乳动物保护的研究案例分享 Maxime Velu, RTSYS销售与市场经理
14:00-14:15	从深海到极地的国际RBR项目 王琪, RBR Ltd.公司销售与营销助理
14:15-14:45	茶歇
14:45-15:00	中大西洋美国综合海洋观测系统的社会效益 Oscar Schofield, 罗格斯大学海岸海洋科学系海洋观测领导中心特聘教授
15:00-15:15	人工智能在海洋中尺度现象识别和预测的应用 孙鑫, 中国海洋大学副教授
15:15-15:30	深海拖曳阵列的动力学分析及形态稳定控制 朱向前, 山东大学教授
15:30-15:45	利用光学技术和水下航行器集成进行原位直接密度测量 Alexandre Aceldy, NKE Instrumentation工程师
15:45-16:00	基于激光光谱技术的海水在线监测物联网系统 田兆硕, 哈尔滨工业大学 ( 威海 ) 教授

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# Oi China Conference Programme

## Oi China会议论坛

Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

Thursday 14<sup>th</sup> November 2019

Co-organised by:  
The Society for Underwater  
Technology (SUT)



Unmanned  
Oi China 2019 Vehicle  
无人飞行器大会

# Oi China Conference Programme

## Oi China会议论坛

2019年11月14日 (星期四)

共同主办:  
水下技术学会 (SUT)



**Topic: Unmanned Vehicles II**

**Time: 10:00-12:00**

**Location: Conference Room A**



Chairperson: Stephen Hall CEO, Society for Underwater Technology (SUT)	
The session will focus on security & offshore industry applications of marine autonomous systems.	
10:00-10:20	Role of Unmanned Vehicles in Protection and Counter Attacks Ravi Gadiraju, Technical Director, Geomardy
10:20-10:40	Wave Glider Technology and It's Application in Ocean Observation Xiujun Sun, Professor, Ocean University of China
10:40-11:00	UAV Low-altitude Photogrammetry Technology and Island Reef Survey Application Shoujun Li, Professor, Second Institute Of Oceanography, MNR
11:00-11:20	Docking Station and Micro AUV Maxime Velu, Sales & Marketing Manager, RTSYS
11:20-11:40	The Application of Deepsea Landers in the Hadal Science Binbin Pan, Deputy Director, Hadal Science and Technology Research Center of Shanghai Ocean University
11:40-12:00	Leveraging Unmanned Vessel Technology in Long-Term Stationary Environmental Measurement Campaigns Richard Khaira-Creswell, PMO Director & Principle Senior Metrocean Engineer, AXYS Technologies

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

**会议议题: 无人飞行器 II**

**会议时间: 10:00-12:00**

**会议地点: 会议室 A**



会议主席: Stephen Hall 水下技术学会 ( Society for Underwater Technology, SUT ) 首席执行官	
本场会议将集中讨论海上自主系统在安全及离岸工业中的应用。	
10:00-10:20	无人飞行器在保护与反击中的作用 Ravi Gadiraju, Geomardy技术总监
10:20-10:40	波浪滑翔器技术及其海洋观测应用 孙秀军, 中国海洋大学教授
10:40-11:00	无人机低空摄影测量技术与海岛礁调查应用 李守军, 自然资源部第二海洋研究所教授级高工
11:00-11:20	坞站与微型AUV Maxime Velu, RTSYS销售与市场经理
11:20-11:40	深海着陆器在深渊科考中的应用 潘彬彬, 上海海洋大学深渊科学与技术研究中心副主任
11:40-12:00	利用无人船技术进行长期静止环境测量活动 Richard Khaira-Creswell, AXYS Technologies项目管理总监、首席高级Metrocean工程师

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# Oi China Conference Programme

## Oi China会议论坛

Thursday 14<sup>th</sup> November 2019

**Topic: Marine Aquaculture**  
**Time: 10:00-11:20**  
**Location: Conference Room B**



Chairperson: Zdenka Willis  
CEO, Veraison Consulting LLC & President Elect, Marine Technology Society (MTS)

Marine Technology and the understanding of ocean information are a key enabler for productive aquaculture. This session features innovative equipment that can advance the effectiveness of aquaculture production.

10:00-10:20	An Underwater Plankton Imaging System for Coastal Moored Buoy Observation of Marine Plankton Jianping Li, Associate Professor, Shenzhen Institutes of Advanced Technology, CAS
10:20-10:40	Utilising Advancements in Sonar Technology Within Aquaculture Scott Mclay, Sales Director, Trittech International
10:40-11:00	Advances in Deep-sea Aquaculture Equipment and Engineering Technology in China Jiangao Shi, Deputy Director of the Center, Researcher, East China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
11:00-11:20	Innovative Brass Material for the Use in Marine Aquaculture Annie Chen, Senior Sales Executive, Wieland Metals Shenzhen Limited

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# Oi China Conference Programme

## Oi China会议论坛

2019年11月14日（星期四）

**会议议题: 海洋渔业**  
**会议时间: 10:00-11:20**  
**会议地点: 会议室 B**



会议主席: Zdenka Willis  
Veraison Consulting LLC首席执行官、美国海洋技术协会 (Marine Technology Society, MTS) 轮候主席

海洋技术及对海洋信息的理解是促进海水养殖发展的关键因素。本场会议将关注如何通过创新装备提高海水养殖的生产效率。

10:00-10:20	近海锚系生态浮标浮游生物水下成像观测系统 李剑平, 中国科学院深圳先进技术研究院研究员
10:20-10:40	利用声纳技术实现海水养殖的进步 Scott Mclay, Trittech International销售总监
10:40-11:00	中国深远海养殖装备与工程技术研究进展 石建高, 中国水产科学研究院东海水产研究所中心副主任, 研究员
11:00-11:20	用于海洋水产养殖的新型黄铜材料 陈昊, 维兰德金属 (深圳) 有限公司高级销售主管

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# Oi China Conference Programme

## Oi China会议论坛

Thursday 14<sup>th</sup> November 2019

Organised by:



Ocean Observation Technology Branch of the Chinese Society of Oceanography  
中国海洋学会海洋观测技术分会



Chinese Society for Oceanology and Limnology Marine Observation Branch  
中国海洋湖沼学会海洋观测分会

**Topic: Ocean Observing and Sensing II - 2019 Annual Meeting of CSO Ocean Observation Technology Branch & CSOL Marine Observation Branch**

**Time: 13:30-16:45**

**Location: Conference Room A**

13:30-13:40	Welcome Speech by Chairman of CSO Ocean Observation Technology Branch
13:40-13:50	Welcome Speech by President of CSOL Marine Observation Branch
13:50-14:15	Trends and Development of Ocean Observation Technologies Xuye Luo, Researcher, National Ocean Technology Center
14:15-14:40	Application Prospects of Ocean Environmental Monitoring Technology Based On Marine Ranch Fei Yu, Fellow Researcher, Supervisor of Ph. D Students, Institute of Oceanology, Chinese Academy of Sciences (CAS)
14:40-15:05	Latest Development of Offshore Undersea Observation in China: Penglai Undersea Environment Observation Station Yan Li, Senior Engineer, National Ocean Technology Center
15:05-15:30	Current Situation and Development of New Buoy Observation Technology Min Li, Researcher, Institute of Marine Instruments and Meters, Shandong Academy of Sciences
15:30-15:55	Application of Innovative Discontinuous Chemical Analysis Technology in Marine Monitoring Weisheng Zhu, President, Lightsun Technology
15:55-16:20	Study on the Multi-scale Dynamic Process of the Ocean Based on the South China Sea Submarine Observation Network Wei Zhao, Professor & Supervisor of Ph. D Students, Ocean University of China
16:20-16:45	Underwater Glider Technology and Its Application in Ocean Observation Jiancheng Yu, Researcher, Supervisor of Ph. D Students, Shenyang Institute of Automation, Chinese Academy of Sciences (CAS)

\* The programme is subject to change.

# Oi China Conference Programme

## Oi China会议论坛

2019年11月14日 (星期四)

主办单位:



Ocean Observation Technology Branch of the Chinese Society of Oceanography  
中国海洋学会海洋观测技术分会



Chinese Society for Oceanology and Limnology Marine Observation Branch  
中国海洋湖沼学会海洋观测分会

**会议议题: 海洋观测与遥感 II 暨2019年中国海洋学会海洋观测技术分会及中国海洋湖沼学会海洋观测分会学术年会**

**会议时间: 13:30-16:45**

**会议地点: 会议室 A**

13:30-13:40	中国海洋学会海洋观测技术分会主任委员致辞
13:40-13:50	中国海洋湖沼学会海洋观测分会会长致辞
13:50-14:15	海洋观测技术发展动态与趋势 罗续业, 国家海洋技术中心研究员
14:15-14:40	基于海洋牧场的海洋环境监测技术应用展望 于非, 中国科学院海洋研究所研究员、博士生导师
14:40-15:05	中国近岸海底观测最新进展 - 蓬莱海底环境观测站 李彦, 国家海洋技术中心高级工程师
15:05-15:30	新型浮标观测技术现状与发展 李民, 山东省科学院海洋仪器仪表研究所研究员
15:30-15:55	创新的间断化学分析技术在海洋监测的应用 朱伟胜, 深圳市朗诚科技股份有限公司总裁
15:55-16:20	基于南海潜标观测网的海洋多尺度动力过程研究 赵玮, 中国海洋大学教授、博士生导师
16:20-16:45	水下滑翔机技术及其海洋观测应用 俞建成, 中国科学院沈阳自动化研究所研究员、博士生导师

\* 最终会议日程以现场公布为准。

# Oi China Conference Programme

## Oi China会议论坛

Thursday 14<sup>th</sup> November 2019

**Topic: Ocean Digitalization - Connect Technology to Market**

**Time: 14:00-16:00**

**Location: Conference Room B**



The session will share the prospect of ocean digitalization, communicate the industry pain points based on data and communication transmission, and deeply interpret how the technology and the market work together to achieve the sustainable development.

14:00-14:30	Digital Transformation Tap Potential for Sustainable Ocean Haiyang Tan, Technical Manager, DNV GL Oil & Gas Noble Denton Marine Services
14:30-15:00	Deep Learning in Big Data Chao Liu, Lecture, College of Information science and engineering, Ocean University of China
15:00-15:30	Computer vision in maritime industry: an overview of applications Pavel Golubev, CEO, Maritime AI
15:30-16:00	The Value Maximization of Ocean Data: from "Data Silos" to "Data Sharing" · Analysis on ocean data resource · How to break down data silos? How to set up the uniform standards?

### Hot topic:

**The outlook of SMART ocean in the era of big data** - to discuss the definition of "Smart Ocean" and the way to realize it. How the future would look like and how it affect the development trends of industry upstream and downstream.

**Data analysis and application of oceanographic** - the digital image recognition and analysis: how the new technology affect the application market and whether there'd be new trends in the near future.

**How to maximize the value of ocean data** - to probe the possibility to expand data resource, the criteria of data screening and how to break "data barrier" and bridge the different data together.

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\* Simultaneous interpretation service is available.

# Oi China Conference Programme

## Oi China会议论坛

2019年11月14日（星期四）

**会议议题: 海洋数字化——链接市场与技术**

**会议时间: 14:00-16:00**

**会议地点: 会议室 B**



本场论坛通过海洋数字化转型的前瞻分享，基于数据和通讯传输的市场痛点的交流，深度解读技术与市场如何相辅相成。

14:00-14:30	数字化转型释放海洋可持续发展潜能 谭海阳, DNV GL石油天然气部Noble Denton海事服务部技术经理
14:30-15:00	大数据深度学习 刘超, 中国海洋大学信息科学与工程学院讲师
15:00-15:30	计算机视觉技术在海事领域的应用展望 Pavel Golubev, Maritime AI首席执行官
15:30-16:00	海洋数据如何价值最大化: 从“数据孤岛”到“数据联通” · 海洋大数据所需要的海量数据从何而来? · 如何打通数据“屏障”? 如何筛选? 有什么标准?

### 热点话题:

\* **大数据时代下的智慧海洋展望:** “智慧海洋”的定义是什么? 如何实现? 未来的趋势又是怎样? 这些趋势又会如何影响行业?

\* **智“绘”海洋——海洋图像的数据化分析及应用:** 如何解读海洋图像? 该类解决方案可以在哪些场景应用? 未来对于图像的解读还有哪些新的应用趋势?

\* **海洋数据如何价值最大化:** 从“数据孤岛”到“数据联通”: 海洋大数据所需要的海量数据从何而来? 如何筛选? 有什么标准? 如何打通数据“屏障”?

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# Oi China Conference Programme

## Oi China会议论坛

Friday 15<sup>th</sup> November 2019

**Topic: Navigation, Positioning & Hydrography Session**

**Time: 10:00-12:00**

**Location: Conference Room B**



Chairperson: Zdenka Willis

CEO, Veraison Consulting LLC & President Elect, Marine Technology Society (MTS)

A foundation of understanding of the ocean and its potential, this session will focus on advanced and new technologies for navigation, positioning and hydrography. It features both the advances of the systems being used and innovative data assimilation.

10:00-10:20	Use of a Saildrone for Hydrographic Surveying Brian Connon, Director, University of Southern Mississippi's Hydrographic Science Research Center
10:20-10:40	Automation for Marine Survey Peiji Mu, Account Manager – China, Teledyne CARIS and Optech
10:40-11:00	Utilising Sonar Technology in Low Visibility Water through Diver Mounted Display Scott Mclay, Sales Director, Tritech International
11:00-11:20	Innovative Compact and Lightweight Airborne Laser Bathymetry Scanner Lingxiao Zhu, Country Manager – China, RIEGL International GmbH
11:20-11:40	Autonomous 3D Real-Time Decision Making for Unmanned Platforms Blair Cunningham, President of Technology, Coda Octopus Products, Inc
11:40-12:00	Experimental Verification of Underwater Noise Localization Based on Cylindrical Near-Field Acoustic Holography Chaoran Du, Product Manager, OROS

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

# Oi China Conference Programme

## Oi China会议论坛

2019年11月15日（星期五）

**会议议题：导航、定位与水文学**

**会议时间：10:00-12:00**

**会议地点：会议室 B**



会议主席：Zdenka Willis

Veraison Consulting LLC首席执行官、美国海洋技术协会（Marine Technology Society, MTS）轮候主席

作为了解海洋及其未来潜力的基础，本场会议将以系统优化和创新的数据同化为特点，重点讨论注导航、定位和水文方面的先进技术。

10:00-10:20	无人驾驶帆船在水道测量上的使用 Brian Connon, 南密西西比大学水文科学研究中心主任
10:20-10:40	海洋测绘自动化的实现 Peiji Mu, Teledyne CARIS and Optech中国区客户经理
10:40-11:00	潜水员显示器在低能见度水中的声呐技术进展 Scott Mclay, Tritech International销售总监
11:00-11:20	创新便携式轻型机载激光水深扫描仪 朱凌霄, RIEGL International GmbH中国区总经理
11:20-11:40	无人平台的自主3D实时决策 Blair Cunningham, Coda Octopus Products, Inc技术总裁
11:40-12:00	基于圆柱近场声全息的水下声源定位实验验证 堵超然, OROS产品经理

\* 最终会议日程以现场公布为准。  
\* 提供同声传译服务。

# 2019年首届国际海洋工程装备科技创新大赛

2019 International Marine Technology and Ocean Science Innovation Competition

2019年11月9日-15日, 青岛 | 上海

大赛由中国海洋大学、励展博览集团主办, 教育部高校海洋类专业教学指导委员会、教育部高校海洋工程类专业教学指导委员会、中国太平洋学会海洋教育分会、中国海洋学会海洋观测技术分会联合指导。大赛以“海洋时空下飞行器”为主题, 旨在发现国际化海洋科技创新人才, 加深参赛选手对海洋的认识程度, 培养参赛选手的海洋情怀、国际化视野、创新精神和实践能力。

## 指导单位

教育部高校海洋类专业教学指导委员会  
教育部高校海洋工程类专业教学指导委员会  
中国太平洋学会海洋教育分会  
中国海洋学会海洋观测技术分会

## 主办单位

中国海洋大学  
励展博览集团

## 承办单位

中国海洋大学创新教育实践中心  
北京励德展览有限公司

## 大赛主席

于志刚 (中国海洋大学校长)  
郑智生 (励展博览集团大中华区总裁)

## 大赛副主席

李巍然 (中国海洋大学副校长)  
张 岚 (励展博览集团大中华区副总裁)

## 赛事指导专家组

### 指导专家组组长

吴立新 (中科院院士、中国海洋大学副校长、青岛海洋科学与技术试点国家实验室主任)  
李华军 (工程院院士、中国海洋大学副校长)  
封锡盛 (工程院院士、中科院沈阳自动化所研究员)  
徐芑南 (工程院院士、中船重工第702研究所研究员)

### 裁判组组长

李华军 (工程院院士、中国海洋大学副校长)

### 裁判组副组长

宋大雷 (中国海洋大学教授)  
谭 华 (青岛海洋科学与技术试点国家实验室研究员)

### 指导专家组副组长

韩端锋 (哈尔滨工程大学教授、副校长)  
崔维成 (上海海洋大学深渊科学与技术研究中心主任, 西湖大学工学院讲席教授)  
罗续业 (国家海洋技术中心研究员)  
连 璜 (上海交通大学教授)  
王树新 (天津大学教授)  
李 硕 (中科院沈阳自动化研究所研究员、副所长)  
胡 震 (中船重工第702研究所研究员)

### 裁判组

李培良 (浙江大学教授)  
俞建成 (中科院沈阳自动化所研究员)  
王延辉 (天津大学教授)  
任 翀 (中船重工第710研究所研究员)  
刘 颀 (国家海洋技术中心高级工程师)  
王天健 (中国海洋大学教授)  
冯正平 (上海交通大学教授)  
戴永寿 (中国石油大学教授)  
何国任 (天津电气传动研究所研究员)



大赛颁奖仪式将于11月13日Oi China展会现场举办。

## Oi China Exchange Oi China专题交流活动

Oi China  
Exchange  
专题交流活动

### Wednesday 13<sup>th</sup> November 2019

2019年11月13日 (星期三)

10:30-11:30	Spotlights on International Suppliers 聚焦国际产品品牌		Oi Theater A Oi剧场 A
14:00-16:00	Spotlights on International Suppliers 聚焦国际产品品牌		Oi Theater A Oi剧场 A
14:00-16:00	Spotlights on Physical Oceanography 聚焦物理海洋		Oi Theater B Oi剧场 B

### Thursday 14<sup>th</sup> November 2019

2019年11月14日 (星期四)

10:00-12:00	Spotlights on China's Independent R&D 聚焦中国自主研发		Oi Theater A Oi剧场 A
13:20-16:00	Spotlights on China's Independent R&D 聚焦中国自主研发		Oi Theater A Oi剧场 A

\*The programme is subject to change. / 最终活动日程以现场公布为准。

 Simultaneous interpretation service is available. / 提供同声传译服务。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Goulven PRUDHOMME**  
Sales Director, NKE Instrumentation

My name is Goulven PRUDHOMME, I am the sales director of nke instrumentation in FRANCE.

We are designing oceanographic instrument since more than 30 years.

**Goulven PRUDHOMME**  
NKE Instrumentation销售总监

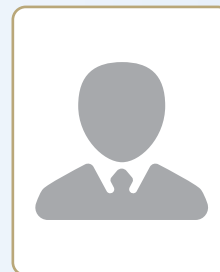
Goulven PRUDHOMME是法国NKE Instrumentation的销售总监，该公司在海洋仪器设计方面有超过三十年的经验。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Niels Sondergaard**  
Sales Director, Coda Octopus

**Niels Sondergaard**  
Coda Octopus销售总监

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Dmitri Jekimov**  
CEO, DECK Marine Systems

Dmitri has Engineering and MBA degrees, which are combined with extensive experience in design and manufacturing of marine equipment. Dmitri is the co-author of 3 DECK patents: new GT-Series Instrument Deployment Unit, new UH-Series Instrument Deployment Unit and "On the Go" CTD profiling winch.

**Dmitri Jekimov**  
戴克海洋系统首席执行官

Dmitri拥有工程硕士和MBA学位，在船舶设备设计和制造方面具有丰富的经验。Dmitri是3项DECK专利的共同作者：新型GT系列仪器部署装置，新型UH系列仪器部署装置和"On the Go"CTD剖面仪。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**André Reuter**  
International Sales Manager, HYDRO-BIOS Apparatebau GmbH

My profession is technical sales expert for marine technology and I am with Hydro-Bios for three years now in addition I am head of our sewing workshop. Before I was employed by Sea & Sun Technology a German CTD probe manufacturer as technical sales manager international for eight years.

**André Reuter**  
HYDRO-BIOS Apparatebau GmbH国际销售经理

本人任德国HYDRO-BIOS海洋技术专家顾问三年，兼任公司制造车间负责人。此前就职于CTD探头供应商德国Sea & Sun科技公司，担任全球技术顾问8年。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾



**Sergey Buryak**  
Managing Director, RadExPro Europe OÜ

Head of the company since 2010, Sergey is responsible for business development and sometime provides software trainings. Initially he joined the company in 2003 as a software developer. Earlier Sergey specialized in high-resolution marine seismic acquisition and processing in Geological and Mining Institute of Portugal (IGM) and, before that, in UNESCO-MSU Centre for Marine Geology and Geophysics in Moscow. He participated in numerous marine research cruises; is a co-author of a number of publications in international journals. Sergey graduated Geophysical Department of Geology Faculty, Lomonosov Moscow State University, he holds a Ph.D. in technical sciences from the same university.

**Sergey Buryak**  
RadExPro Europe OÜ总经理

Sergey自2010年起担任公司总裁，负责业务拓展，并提供软件培训。他于2003年作为软件开发人员加入公司，在此之前，Sergey曾就职于莫斯科的联合国教科文组织-MSU中心，并在葡萄牙地质和采矿研究所 (IGM) 从事高分辨率海洋地震采集和处理工作。他参加了许多海洋考察活动，在国际期刊上发表了许多论文。Sergey毕业于莫斯科国立大学罗蒙诺索夫分校地球物理学院地质学系，同时拥有该大学的技术科学博士学位。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾



**Greg Johnson**  
President, RBR Ltd.

Dr. Greg Johnson is trained as an electrical engineer and material scientist, with a broad range of experiences in oceanographic technology development. Working as the president of RBR for more than 10 years, he demonstrated his leadership in research and development, sales, customer support, product manufacturing, and strategic planning activities. With his demonstrated leadership, RBR has been awarded to one of "Growth 500: Canada's Fastest-Growing Companies" for three consecutive years. Leveraging his strong background in engineering, material science, and oceanographic instrumentation, Greg has always been working at the front line to keep strengthening RBR's commitment to customer success and innovation in global oceanographic instrumentation.

**格雷格·约翰逊**  
RBR Ltd. 总裁

格雷格·约翰逊 (Greg Johnson)，电气工程及材料学博士专业出身，在海洋技术研发方面经验丰富。在RBR担任总裁的十多年间，Greg在海洋技术研发、海洋仪器生产、市场销售、客户技术支持、以及公司长远战略规划方方面面均展现了出色的领导能力，带领RBR连续三年被评为 "Growth 500: Canada's Fastest-Growing Companies" 之一。凭借其在电气工程、材料科学和海洋仪器方面的强大背景，Greg一直工作在技术研发的最前线，始终将协助全球海洋学家取得观测成功作为首要任务、将建设科技创新型海洋仪器公司作为最终目标。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

wieland

### Daniel Steitz Head of Aquaculture, Wieland-Werke AG

Starting as a Production and Organization engineer at Wieland-Werke AG in Germany from 2002 Daniel Steitz was working for several years with international IT and Organization projects worldwide. One main focus was the integration of new companies into the Wieland Group. From 2015 on Daniel Steitz took over the responsibility for the new Aquaculture business at Wieland Group to develop this startup business into a companywide standard.

In June 2017 Daniel Steitz took over the responsibility as CEO at the new founded JV (Wieland Group and Lerow) Wieland BlueSea AS in Norway and is holding the responsibility for the Aquaculture business in the Wieland Group worldwide.

Since April 2019 Daniel Steitz is back in the Wieland Headquarters in Ulm and holding the responsibility as Director Innovation for the Business Unit Extruded Products.

Daniel Steitz holds an Mechanical Engineering diploma with the major topic for Optimization and Organization from the technical University of Ulm.

### Daniel Steitz Wieland-Werke AG渔业主管

Daniel Steitz从2002年开始在德国Wieland-Werke AG担任生产和组织工程师，并在国际IT和组织项目中工作了若干年。其主要职责包括为Wieland Group收购新公司。从2015年起，Daniel Steitz接管了Wieland Group的水产养殖新业务，将这一新兴业务发展成为全公司的标准。

2017年6月，Daniel Steitz接任Wieland Group和Lerow在挪威新成立的合资企业Wieland BlueSea AS的首席执行官一职，负责Wieland Group全球范围内的水产养殖业务。

自2019年4月以来，Daniel Steitz回到位于乌尔姆的Wieland总部，担任挤压产品事业部的创新总监。

Daniel Steitz持有乌尔姆技术大学机械工程学位，研究方向为优化和组织。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

I M A G E N E X

### Tarry Waterson Scientific Research & Development Director, Imagenex Technology Corp.

Tarry is currently the Research and Development Director at Imagenex Technology. Tarry's background is in Hydrography and sub sea construction having worked in the offshore energy sector for 16 years.

Tarry and Master of Science degree from the University of Aberdeen UK.

### Tarry Waterson Imagenex Technology Corp. 科技研发总监

Tarry目前是Imagenex Technology的研发总监。Tarry在水文学和海底工程方面经验丰富，他在海上能源部门工作了16年。

Tarry毕业于英国阿伯丁大学，获理学硕士学位。



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

**Brank Zhang**  
Chairman/Technical Director, Shanghai LANSUO Electronic Technology Co.

Male, 35 years old, member of CPC. Master of fudan university. Entered the CETC 23rd research institute in 2007, and undertook more than 10 projects of the national key project as the project leader. Joined Zhong tian technology marine systems co., ltd. as the vice chief engineer in 2016. Then founded Shanghai lansuo electronic technology co., LTD. The company has made the important contribution for the Marine science and the engineering in China. Has published more than 10 papers such as "brief analysis of plug and pull type underwater plug and pull connector" and "engineering application of deep-sea universal series connector. In June 2015, won the third prize of "ketou cup" Shanghai science and technology system youth business plan competition; In December 2016, it won the second prize of science and technology of China electronic science and technology group.

**张博**  
上海蓝梭电子科技有限公司董事长/技术总监

男，35岁，中共党员。复旦大学硕士。于2007年进入中国电科23所从事研发工作，承接了国家级课题10余项。2016年进入中天海洋系统有限公司任副总工程师，为其研发系列特种传输产品，撰写专利4项。创办“上海蓝梭电子科技有限公司”，任董事长兼技术总监，撰写专利40余项。带领公司于2017年获得高企认证。并成为国产元器件的国内第一家在超过万米的海深环境使用的产品供应商。

在《机电元件》等发表《浅析即插即拔式水下插拔连接器》、《深海通用系列连接器的工程化应用》等论文10余篇。

2015年6月获“科投杯”上海市科技系统青年创业计划大赛三等奖；

2016年12月获中国电子科技集团公司科学技术二等奖。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

**Fengrui Wang**  
Chief R&D Director, Zming Environmental Technology Co., Ltd.

Fengrui Wang obtained the doctor degree from East China University of Science And Technology who mainly engaged in rapid detection and treatment of environmental pollutants. She has published 7 SCI papers in international journals and applied for 5 national invention patents. As Excellent graduates from Shanghai, She was directly introduced to Shanghai as talents. She has won national scholarship, first-class academic scholarship, high-level thesis award, Vicky scholarship, outstanding students and other honors. Her project "salicylic acid ammonia nitrogen online analyzer" has won highly recognized by the quality inspection department.

**王凤蕊**  
上海泽铭环境科技有限公司首席研发总监

华东理工大学博士，主要从事环境污染物的快速检测及治理，现已在国际期刊发表SCI论文7篇，申请国家发明专利5项。上海市优秀毕业生，作为人才引进直接进入上海。曾获国家奖学金、一等学业奖学金、高水平论文奖、维凯奖学金、优秀学生等荣誉。其主导的水杨酸法氨氮在线分析仪获得质检部门高度认可。



ZMING 泽铭环境

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

**Daniel Yan**  
General Manager, Hangzhou SonicInfo Technology Co., Ltd.

Daniel Yan studied at the Chu Kochen Honors College of Zhejiang University and National University of Singapore. He got master's degree from Information Science and Electronic Engineering College of Zhejiang University.

After graduation, he worked as a senior engineer mainly engaged in digital IC design, power management IC design, and embedded system design. As a major participant, the cumulative shipments of the GX6101 has been reached 100 million. The domestic market share of CC1600, which was designed by him as principal architecture was ranked first in 2008.

In 2014, he started Hangzhou Sonicinfo Technology Co. Ltd.. Now he is engaged in underwater acoustic signal acquisition and signal processing.

**颜曦**  
杭州锐讯科技有限公司总经理

曾就读于浙江大学竺可桢学院混合班、新加坡国立大学，2006年毕业于浙江大学信息学院。先后就职于杭州国芯科技、诺基亚通信、杰华特微电子等知名公司，主要从事数字芯片设计、电源管理芯片设计、嵌入式系统软硬件设计等工作，具有丰富的芯片设计以及嵌入式系统设计经验。其中，作为核心技术人员参与的GX6101芯片项目为国内首款高集成度的卫星数字电视接收与解码系统芯，累计出货达上亿颗；作为首席架构师完成的CC1600芯片项目为国内首款高清播放器芯片，2008年国内市场占有率名列第一。2014创立杭州锐讯科技有限公司，目前主要从事水声信号采集与处理相关产品研发。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾

**Rong Chen**  
Marketing Officer, Guangzhou Heston Electronic Technology Co., Ltd.

Currently working in marketing department, Heston Technology, majorly responsible for the company's overall image publicity, company product publicity, pre-sales communication and other aspects communication.

**陈容**  
广州和时通电子科技有限公司市场部

任职于广州和时通电子科技有限公司市场部，负责进行公司的整体形象宣传，公司的产品宣传，项目的售前沟通交流等方面的工作。



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Haijun Li**  
Deputy Director, Beijing Automation Control Equipment Institute

Deputy Director, Beijing Automation Control Equipment Institute, Senior Engineer, External tutor of Master Engineering, Beijing Institute of Technology, published 16 papers and applied for more than 50 patents.

**李海军**  
北京自动化控制设备研究所惯导系统总体室副主任

北京自动化控制设备研究所惯导系统总体室副主任，高级工程师，北京理工大学工程硕士研究生校外导师，发表论文16篇，申请专利50余项。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Quanfa Wang**  
Project Manager, China Pacific Property Insurance Co.,Ltd.Hangzhou Central Sub-Branch

Since 1997, he joined the Pacific Insurance Company, studied for a master's and doctoral degree in project management at Liege University, Belgium, and founded the Marine Science Examination Instrument and Equipment Insurance Project Group in 2009. He was the project leader. In 2018, Marine Science Examination Instrument and Equipment Insurance won the OI annual product award.

**汪全法**  
中国太平洋财产保险股份有限公司杭州中心支公司项目负责人

自1997年加入太平洋保险公司，在比利时列日大学攻读项目管理的硕士与博士学位，自2009年创立《海洋科考仪器设备保险项目组》，担任项目负责人，2018年，《海洋科考仪器设备保险》获得OI年度产品奖。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾



**Jianfeng Chen**  
General Manager, Xi'an Tianhe Maritime Technologies Co., Ltd.

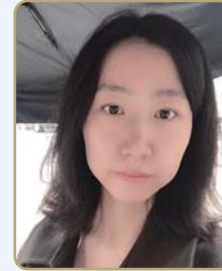
Dr. Chen Jianfeng has extensive research and industrialization experience in the field of marine environmental monitoring, underwater unmanned autonomous vehicles, underwater target detection, acoustic signal processing, etc. He is a senior member of IEEE and also a member of the Chinese Acoustics Society. He has published more than 100 papers and more than 40 patents at home and abroad; During the period of studying abroad, he has received professional training in international intellectual property and project management. He holds project management PMP certificate and a diploma in law from the University of London. In 2005, he returned to China to establish a number of companies, serving as general manager, director of listed company, director of R&D center, product chief, chief engineer, etc. Founding enterprises have made rapid progress and have become the core unit of many national major projects and products, with significant economic and social benefits. Since 2009, Dr. Chen has carried out the exploration and practice of the military-civilian integration in the field of the marine industry, involving many national strategically important equipment from sensors and components to complete machine systems. In recent years, he has actively explored a comprehensive enterprise development path integrating marine sensing, technical services, data supply and system integration with commercial vessels as the carrier, industry Internet as the platform, and traditional and disruptive technologies

**陈建峰**  
西安天和海防智能科技有限公司总经理

陈建峰博士在海洋环境监测、水下无人自主航行器、水下目标探测、声学信号处理等领域具有丰富的科研经历和产业化经验，是IEEE高级会员，中国声学学会会员。在国内外发表论文百余篇、授权专利40余项；留学期间受过国际知识产权和项目管理专业培训，持有项目管理PMP证书和英国伦敦大学法律专业文凭；2005年回国创办多家公司，担任总经理、上市公司董事、研发中心主任、产品总师、总工程师等职务；创办企业均能够以高新技术为突破口、以质量体系为依托，技术突破和产业化进展迅速，成为多项国家重大项目和产品的核心单位，经济和社会效益显著。自2009年起，开展军民融合海洋产业的探索与实践，涉及从传感器、部件到整机系统的诸多国家战略性重要装备。近年来积极探索以商用船只为载体、行业互联网为平台、传统与颠覆性技术相结合的海洋感知、技术服务、数据供应、系统集成为一体的综合性企业发展道路。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



Speaker  
演讲嘉宾



**Qing Xu**  
Engineer, China Geological Equipment Group Co., Ltd.

Graduated from Beijing University of Aeronautics and Astronautics. Now is engaged in the research and development of subsea seismic instruments, and its industrial restructuring. Have participated in the upgrading of Broadband OBS, MicroOBS, GOBS. Have realized the industrial production of all these kinds of instruments, with setting producing standards, and building production lines. Have designed the physical structure of the first type of node subsea seismograph in China. Have participated in several key projects, like a 863 Project, a national major instrument and equipment development project, and a leading project of Chinese Academy of Sciences.

**许晴**  
中国地质装备集团有限公司工程师

毕业于北京航空航天大学，从事海底地震系列仪器的研发与产业化转型工作。参与了宽频带OBS、便携式OBS、节点式OBS等多种仪器的升级改造，及其实现产业化生产的转型、工业化标准的制定、以及生产线的搭建。作为负责人完成了国内首款节点式地震仪GOBS的结构设计。参与了多个国家重点项目，包括863项目、国家重大仪器装备研制项目、中科院先导专项等。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Ye Han**  
General Manager, Tianjin HaoYe technology co., LTD

As the General Manager of Tianjin Haoye Technology Co.,Ltd, he participated in R&D of dozens of underwater thruster, and the design of various national key R&D plans, and the products he has hosted have been widely used at home and abroad.

**韩野**  
天津昊野科技有限公司总经理

天津昊野科技有限公司总经理，参与主持了几十项水下推进器的研发工作，参与多个国家重点研发计划应用推进器设计工作，主持产品已经在国内外广泛应用。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Max Ma**  
Product Manager, Tianjin Deepinfar Ocean Technology Co., Ltd.

Mr. Max Ma was graduated from Ocean University of China, OUC, now worked in Tianjin Deepinfar Ocean Technology Co.,Ltd as product manager and pre-sales consultant. Mr. Ma have rich experience in underwater robot application and have published several articles in trade magazines including "Application of underwater robots in salvage", "Application of underwater robots in wind power" etc.

**马贺**  
天津深之蓝海洋设备科技有限公司产品经理

毕业于中国海洋大学，深之蓝产品经理，售前顾问，在水下机器人应用方面有丰富的经验，曾在相关行业杂志发表《水下机器人在救捞中的应用初探》、《水下机器人在风电中的应用》等文章。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Howard Chang**  
Founder, Qingdao Daowan Technology Co., Ltd.

Howard Chang, founder of Qingdao Daowan Technology Co., Ltd. He graduated from Ocean University of China in July 2004 and received the Master of Business Administration (EMBA) degree from Senior Managers of Tsinghua University in July 2019. He has been engaged in the introduction and research of marine scientific research instruments for a long time. He has a profound background in marine industry and rich experience in business management.

**张国豪**  
青岛道万科技有限公司创始人

张国豪，青岛道万科技有限公司创始人。2004年7月毕业于中国海洋大学，2019年7月获清华大学高级管理人员工商管理硕士学位（EMBA），长期从事前沿海洋科研仪器的引进和研发工作，具有深厚的海洋从业背景和丰富的企业管理经验。

Speaker  
演讲嘉宾



## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Bin Yao**  
General Manager/Doctor of Engineering, Haizhuo Tongchuang Technology Co., Ltd.

Bin Yao, male, born in May 1980, Doctor of Engineering, is the general manager of Beijing Haizhuo Tongchuang Technology Co., Ltd. As project leader and technical leader, he participated in two national 863 projects and one international cooperation project of the Ministry of Science and Technology, and many other national, provincial and ministerial projects and horizontal projects. More than 20 academic papers have been published, of which more than 10 have been searched by EI and ISTP. As inventors, they have applied for and authorized many national invention patents and utility model patents. They have also won one second-class award for scientific and technological progress in Heilongjiang Province, one second-class award for marine engineering and one Chinese invention patent award.

Speaker  
演讲嘉宾



**么彬**  
北京海卓同创科技有限公司总经理/工学博士

么彬，男，1980年5月出生，工学博士，现任北京海卓同创科技有限公司总经理，中国测绘学会海测专委会委员，中国海洋发展研究会海洋勘测与地理信息分会理事，全国水运计量技术委员会委员，从事水下勘测类声纳设备研发和产品化十余年；作为项目负责人和技术负责人参加国家863项目两项、科技部国际合作项目一项，其他各类国家、省、部级项目和横向项目多项。发表学术论文二十余篇，其中十余篇被EI、ISTP检索，作为发明人申请并授权国家发明专利、实用新型专利多项，并获黑龙江省科技进步二等奖一项、海洋工程奖二等奖一项、中国发明专利奖一项。

2016年共同创办北京海卓同创，同年公司推出自主知识产权的海卓MS400多波束测深仪，在国内形成批量销售和应用。海卓同创目前已形成系列化多波束、侧扫声呐和声速仪产品，并始终致力于自主研发的海洋勘测产品的不断发展和创新。

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Shuduo Zhao**  
Product Manager, Zhongtian Technologies Submarine Cable Co., Ltd

Joined ZTT in 2015, successively served as technical support engineer and process engineer in technology department of Zhongtian submarine cable company co.,ltd. has undertaken a number of research and development projects of umbilical cables for ROV and towing system with delivered and applied. Now responsible for the marketing and product promotion of dynamic armored umbilical cables, and carries out the national key research and development plan project of "research and test on Key Technologies of non-metallic armored umbilical cables for ROV in full-deep sea".

**赵树铎**  
中天科技海缆有限公司产品经理

2015年加入中天科技，历任中天海缆技术部技术支持工程师，工艺工程师，曾承担多项ROV、拖曳系统用脐带缆研发项目并交付应用，现负责动态铠装脐带缆的市场营销和产品推广工作，并执行“全海深ROV非金属铠装脐带缆关键技术研究”和“国家重点研发计划项目”。



Speaker  
演讲嘉宾

## Oi China Exchange Oi China专题交流活动

Speakers  
演讲嘉宾



**Haixia Du**  
R&D Engineer, CSIC PRIDe (Nanjing) Atmospheric and Oceanic Information System Co., Ltd.

Master's degree, graduated from Suzhou University, majored in microwave radar, published several IEEE papers, and won many excellent scholarships.

During her work, She participated in the design of multi beam forming network of phased array radar, RF components. She have participated in the development of ocean exploration radar, atmosphere exploration microwave radar, Lidar and other projects. Currently, She is the project leader of Lidar and has won many awards for scientific and technological progress and innovation.

Speaker  
演讲嘉宾

**杜海霞**  
中国重工鹏力（南京）大气海洋信息系统有限公司研发工程师

硕士学历，毕业于苏州大学，主要研究微波雷达方向，在校期间发表IEEE论文数篇，多次获得优秀奖学金；

工作期间曾参与航天相控阵雷达多波束形成网络、射频组件等的设计，参与了海洋探测雷达、大气探测微波雷达、激光雷达等多个项目的开发，目前担任激光雷达项目负责人，多次获得科技进步奖及创新奖。



# Oi China Exchange

## Oi China专题交流活动

Wednesday 13<sup>th</sup> November 2019

Topic: Oi China Exchange - Spotlights on International Suppliers

Time: 10:30-11:30 & 14:00-16:00

Location: Oi Theater A



10:30-10:50	New coastal plug and play multiparameter sonde : WiMo Goulven PRUDHOMME, General Sales Manager, nke Instrumentation
10:50-11:10	Topic to be confirmed K.U.M Umwelt-und Meerestechnik Kiel GmbH
11:10-11:30	Coda Octopus Products & Services: Home of the Patented Echoscope® Real-Time 3D Sonar Niels Sondergaard, Sales Director, Coda Octopus
11:30-14:00	Lunch Break
14:00-14:20	Overview of new ways of deployment the underwater acoustic instrumentation Dmitri Jekimov, CEO, DECK Marine Systems
14:20-14:40	MicroPlastic Sediment Separator MPSS - a novel, highly efficient method for the separation of plastic particles in sediments of aquatic environments André Reuter, International Sales Manager, HYDRO-BIOS Apparatebau GmbH
14:40-15:00	RadExPro seismic software for advanced processing of high-resolution marine seismic data Sergey Buryak, Managing Director, RadExPro Europe OÜ
15:00-15:20	Development and integration of a new autonomous vehicle CTD and sensor hub: the RBRlegato3 CTD Greg Johnson, President, RBR Ltd.
15:20-15:40	Innovative Brass Material for the Use in Marine Aquaculture Daniel Steitz, Head of Aquaculture, Wieland-Werke AG
15:40-16:00	Imagenex gyro stabilized sonars Tarry Waterson, Scientific Research & Development Director, Imagenex Technology Corp.

\* The programme is subject to change.  
\* Simultaneous interpretation service is available.

# Oi China Exchange

## Oi China专题交流活动

2019年11月13日 (星期三)

会议议题: Oi China专题交流活动——聚焦国际产品品牌

会议时间: 10:30-11:30 & 14:00-16:00

会议地点: Oi剧场 A



10:30-10:50	新型沿海即插即用多参数探空仪: WiMo Goulven PRUDHOMME, nke Instrumentation 销售经理
10:50-11:10	讲题待定 德国K.U.M深海工程装备有限公司
11:10-11:30	Coda Octopus产品和服务:专利Echoscope®实时3D声纳的故乡 Niels Sondergaard, Coda Octopus 销售总监
11:30-14:00	午休
14:00-14:20	水声仪器的部署新方法概述 Dmitri Jekimov, DECK Marine Systems 戴克海洋系统首席执行官
14:20-14:40	微塑料沉积物分离器MPSS-水环境沉积物中高效分离微塑料的一种方法 André Reuter, HYDRO-BIOS Apparatebau GmbH 国际销售经理
14:40-15:00	RadExPro地震软件如何对高分辨率海洋地震数据提供高阶处理 Sergey Buryak, RadExPro Europe OÜ 总经理
15:00-15:20	一种新型水下自主载体专用温盐深仪的研发和集成: RBRlegato3 CTD Greg Johnson, RBR Ltd. 总裁
15:20-15:40	用于海洋水产养殖的新型黄铜材料 Daniel Steitz, Wieland-Werke AG 渔业主管
15:40-16:00	Imagenex陀螺稳定声纳 Tarry Waterson, Imagenex Technology Corp. 科技研发总监

\* 最终活动日程以现场公布为准。  
\* 提供同声传译服务。



## Oi China Exchange Oi China专题交流活动

Wednesday 13<sup>th</sup> November 2019

**Topic: Oi China Exchange- Spotlights on Physical Oceanography**

**Time: 14:00-16:00**

**Location: Oi Theater B**

14:00-14:30	Sensors for the global Argo float program: Advanced sensors for core, biogeochemical, and deep Argo floats Thomas O. Mitchell, Vice President, Sea-bird Scientific
14:30-15:00	Measure the blue planet: RBR Generation <sup>3</sup> Products Overview & Applications Yingang Li, Technical Director, RBR China
15:00-15:30	A New Choice for High Accuracy CTD Probe: DAOWAN Howard Chang, Founder, Qingdao Daowan Technology Co., Ltd.
15:30-16:00	The New TRDI Pinnacle 45kHz ADCP Yongqiang Fang, Regional Sales Director, Laurel Technologies Company Limited

\* The programme is subject to change.

## Oi China Exchange Oi China专题交流活动

2019年11月13日（星期三）

**会议议题: Oi China专题交流活动——聚焦物理海洋**

**会议时间: 14:00-16:00**

**会议地点: Oi剧场 B**

14:00-14:30	用于全球Argo计划的核心温盐深和生物地球化学传感器 Thomas O. Mitchell, Sea-bird Scientific销售副总裁
14:30-15:00	探索蓝色海洋: RBR第三代产品介绍及应用案例 李荫刚, RBR中国技术总监
15:00-15:30	物理海洋仪器新选择: 道万国产高精度温盐深仪 张国豪, 青岛道万科技有限公司创始人
15:30-16:00	全新TRDI Pinnacle型45kHz 声学多普勒海流剖面仪 房永强, 北京劳雷海洋仪器有限公司大区销售总监

\* 最终活动日程以现场公布为准。

# Oi China Exchange

## Oi China专题交流活动

Thursday 14<sup>th</sup> November 2019

**Topic: Oi China Exchange - Spotlights on China's Independent R&D**

**Time: 10:00-12:00 & 13:20-16:00**

**Location: Oi Theater A**

10:00-10:20	Meridian system for underwater communication transmission Brank Zhang, Chairman/Technical Director, Shanghai LANSUO Electronic Technology Co.
10:20-10:40	Nutrient Analysis System with Low Emission and Energy Consumption Fengrui Wang, Chief R&D Director, Zming Environmental Technology Co., Ltd.
10:40-11:00	Low noise underwater acoustic signal acquisition system with low power Daniel Yan, General Manager, Hangzhou SonicInfo Technology Co., Ltd.
11:00-11:20	An Introduction of marine online monitoring system Rong Chen, Marketing Officer, Guangzhou Heston Electronic Technology Co., Ltd.
11:20-11:40	Challenges and Measures for Autonomous Navigation of Submersibles Haijun Li, Associate Director, Beijing Automation Control Equipment Institute
11:40-12:00	Insurance of Instruments and Equipment for Marine Science Examination Quanfa Wang, Project Manager, China Pacific Property Insurance Co.,Ltd.Hangzhou Central Sub-Branch
12:00-13:20	Lunch Break
13:20-13:40	Future prospects of the Unmanned Underwater Vehicles Jianfeng Chen, General Manager, Xi'an Tianhe Maritime Technologies Co., Ltd.
13:40-14:00	Domestic Submarine Geophysical Exploration Products Introduction Qing Xu, Engineer, China Geological Equipment Group Co., Ltd.
14:00-14:20	Application and Technical Key Points of Electric thruster for Submersible Ye Han, General Manager, Tianjin HaoYe technology co., LTD
14:20-14:40	Application of Dynamic Positioning System in Underwater Robot Max Ma, Product Manager, Tianjin Deepinfar Ocean Technology Co., Ltd.
14:40-15:00	The Current Status of Chinese CTD Technology Howard Chang, Founder, Qingdao Daowan Technology Co., Ltd.
15:00-15:20	Independent Research and Development of Marine Survey Equipment Product Process, Industry Application and Development Direction Bin Yao, General Manager/Doctor of Engineering, Haizhuo Tongchuang Technology Co., Ltd.
15:20-15:40	Research and application of dynamic armored umbilical for marine scientific research Shuduo Zhao, Product Manager, Zhongtian Technologies Submarine Cable Co., Ltd
15:40-16:00	Principle and Application of Wind Lidar Haixia Du, R&D Engineer, CSIC PRIDe (Nanjing) Atmospheric and Oceanic Information System Co., Ltd.

\* The programme is subject to change.

# Oi China Exchange

## Oi China专题交流活动

2019年11月14日（星期四）

**会议议题: Oi China专题交流活动——聚焦中国自主研发**

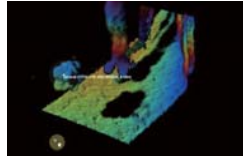
**会议时间: 10:00-12:00 & 13:20-16:00**

**会议地点: Oi剧场 A**

10:00-10:20	水下通信传输的经络 张博, 上海蓝梭电子科技有限公司董事长/技术总监
10:20-10:40	低排放、低能耗营养盐分析系统 王凤蕊, 上海泽铭环境科技有限公司首席研发总监
10:40-11:00	低功耗低噪声水声信号采集 颜曦, 杭州锐讯科技有限公司总经理
11:00-11:20	海洋在线监测系统介绍 陈容, 广州和时通电子科技有限公司市场部
11:20-11:40	水下潜航器自主导航面临的挑战与对策 李海军, 北京自动化控制设备研究所惯导系统总体室副主任
11:40-12:00	海洋科考仪器设备保险 汪全法, 中国太平洋财产保险股份有限公司杭州中心支公司项目负责人
12:00-13:20	午休
13:20-13:40	水下无人飞行器未来展望 陈建峰, 西安天和海防智能科技有限公司总经理
13:40-14:00	国产海底地球物理探测系列产品介绍 许晴, 中国地质装备集团有限公司工程师
14:00-14:20	潜水电推进器应用与技术要点 韩野, 天津昊野科技有限公司总经理
14:20-14:40	动态定位系统在水下机器人的应用 马贺, 天津深之蓝海洋设备科技有限公司产品经理
14:40-15:00	国产高精度温盐深仪技术现状 张国豪, 青岛道万科技有限公司创始人
15:00-15:20	自主研发海洋勘测装备产品化进程、行业应用及发展方向 么彬, 北京海卓同创科技有限公司总经理/工学博士
15:20-15:40	海洋科考用动态铠装脐带缆自主研发及应用探讨 赵树铎, 中天科技海缆有限公司产品经理
15:40-16:00	测风激光雷达的原理及应用 杜海霞, 中国重工鹏力(南京)大气海洋信息系统有限公司研发工程师

\* 最终活动日程以现场公布为准。

## New Product of the Year 年度新品速递



CodaOctopus® 3D Multiple Automated Target Tracking (3D MATT)



Echoscope4G® Series



ZooSCAN  
浮游动物图像扫描分析系统



UVP  
水下颗粒物和浮游动物  
图像原位采集系统



UVP6-LP  
水下颗粒物和浮游动物  
图像原位采集系统



AFIS  
液体自动注射采水器



MultiNet  
浮游生物多联采样网



MA-X 600 Integrated Gap Filler Side Scan Sonar  
MA-X 600 侧扫声呐



RBRduet³ T.ODO  
微型温度溶解氧测量仪



RBRglissando³  
自动剖面车



Gemini 1200ik



Gemini 720ik



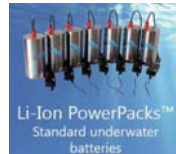
OceanLine  
水下油气ROV监测探头



OceanPack BUOY  
二氧化碳分压监测仪



Oceanrace  
走航式微塑料采样系统



Powerpack  
用于PowerPacks™锂电池

## New Product of the Year 年度新品速递



High precision tidal level sensor  
高精度潮位传感器



EBS  
底栖生物诱捕系统



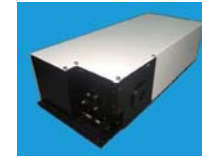
Gyroscope  
陀螺仪



ROV  
水下机器人



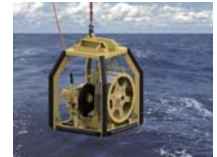
LD and LED underwater flashlight  
手提式水下两用照明手电筒



Water Laser  
水激光器



SEISMIC, CONDUCTIVITY, MAGNET O MODULE  
地震、电导率、环境、磁电等即插即用模块



ST-RODS  
可(伸展)折叠的CPT钻杆



WISON-APB-3000  
深海钻孔CPT



'On the Go' CTD System  
走航式CTD系统



GT-Series Instrument Deployment Unit  
GT系列仪器部署装置



UH-Series Instrument Deployment Unit  
UH系列仪器部署装置



SV30  
声速仪



FindROV  
探索机器人



GCS  
机器人甲板控制站



清洗ROV

## New Product of the Year 年度新品速递



CTD Logger  
温盐深测量仪



Depth Logger  
水深测量仪



Single Parameter Logger  
单通道测量仪



TD Logger  
温深测量仪



LoPAS-PoE  
多功能水声信号记录仪



TFMatrix  
低功耗超大容量存储器



iBeam 8120  
浅水多波束测深系统



iFlow  
系列声学多普勒流速剖面仪



700mm  
监测浮球



无人监测船



HPE Monitoring Buoy  
聚乙烯监测浮标



扫描式气溶胶激光雷达



CTD  
温盐深仪



CTD  
温盐深仪



CTD  
温盐深仪



CTD  
温盐深仪

## New Product of the Year 年度新品速递



NiGK Dredger  
采泥器



NKE WIMO  
多参数水质仪



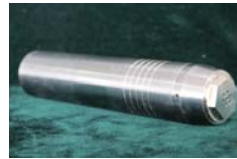
Multi-corer  
多通道柱状采泥器



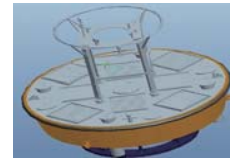
OceanPack BUOY  
原位二氧化碳分压分析仪



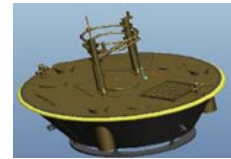
Acoustic Transducer  
收发合置换能器



Depth Recorder  
自容式深度记录仪



Buoy  
直径4米浮标



Buoy  
直径2.6米浮标



Acoustic Transducer  
声学多普勒换能器



Acoustic Releases  
声学释放器



Crawler-type cutter suction ROV  
履带式深井绞吸机器人



Deep-sea Exploration  
深海探测机器人



Underwater Ambush Rescue  
水下环抱救援机器人



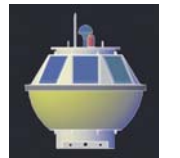
连续流动分析仪AA500  
CONTINUES FLOW ANALYZER



连续流动分析仪QuAAtro  
CONTINUES FLOW ANALYZER



Aqualogger 310TY  
Turbidity logger  
高量程浊度仪



WaveStar G3B Wava Buoy  
波浪浮标

## New Product of the Year 年度新品速递



Aquacomm Gen2  
acoustic modems  
水声通讯机



SUBPRO 2545  
超浅水浅地层剖面仪&  
OEM侧扫声呐模块



SWiFTplus type  
multiparameter profilers  
多参数剖面仪



SediMeter SM4  
边界层沉积物运动测量仪



Buoyant Cable  
漂浮电缆



Trailing Cable  
拖曳电缆



LARS  
收放系统



Marine data service  
探海网



FT512  
大型活塞取样器



FT550  
变频高能震动取样器



FT560 VAN VEEN  
抓斗取样器



ROV  
河豚缆控水下机器人



Broadband Multibeam  
Bathymetric System  
宽频带多波束测深系统

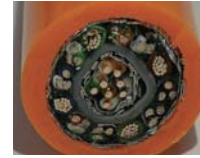


Small Chock Ring Antenna  
小型扼流圈天线



Proteus 228B AUV  
海神228B系列AUV

## New Product of the Year 年度新品速递



UGCable  
水下网络电缆



Haidie ROV  
海蝶ROV



OSM 4000



海卓MS系列  
多波束通用甲板单元



MS400H multi-beam echo  
sounders  
海卓MS400H多波束测深仪



MS400P multi-beam echo  
sounders  
海卓MS400P多波束测深仪



MS8200H multi-beam echo  
sounders  
海卓MS8200H多波束测深仪



MS8200H multi-beam echo  
sounders  
海卓MS8200H多波束测深仪



MS8240 multi-beam echo  
sounders  
海卓MS8240多波束测深仪



SS600 Side scan sonar  
海卓SS600单频侧扫



SS4090 Side scan sonar  
海卓SS4090高清宽带双频  
侧扫声呐



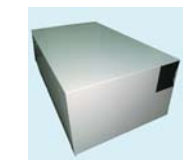
LD&LED Dual band Flashlight  
LD与LED 绿激光双波段手电筒



1.9 micron laser  
1.9微米激光器



2.94 micron 10 W laser  
2.94微米10瓦激光器



2.94 micron high power laser  
2.94微米大功率激光器



755 nm emerald laser  
755nm金绿宝石激光器

## New Product of the Year 年度新品速递



Gavia AUV

SeaRaptor AUV

StarFire GNSS Receiver SF-5050  
星站差分接收机SF-5050

Subsonus USBL  
超短基线USBL



Certus Evo MEMS GNSS&INS  
高精度MEMS组合惯导

光纤陀螺罗经

惯导INS/DVL一体机

Releaser  
定时释放器

Floodlight  
照明灯



Deap-sea flash  
深海闪光灯

T&D  
温度测量仪, 水深测量仪

T  
温度测量仪

T11K  
全海深温度测量仪



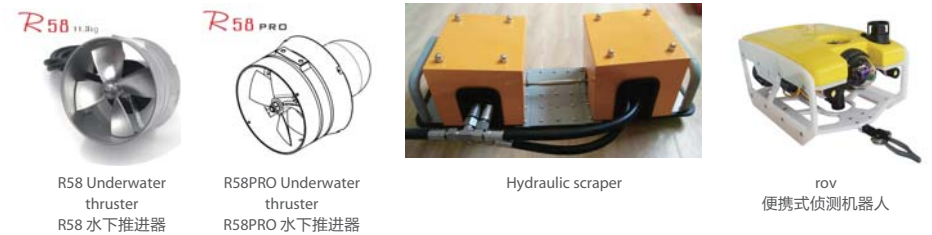
ESC  
电子调速器

Propeller  
螺旋桨

R26 Underwater thruster  
R26 水下推进器

R36 Underwater thruster  
R36 水下推进器

## New Product of the Year 年度新品速递



R58 Underwater thruster  
R58 水下推进器

R58PRO Underwater thruster  
R58PRO 水下推进器

Hydraulic scraper

roV  
便携式探测机器人



ROV  
深井绞吸机器人

Winch system  
海工附件-绞车系统

Klein MAX 600  
缝隙填补声呐

Teledyne SeaRaptor AUV  
自主水下运载器



HQ-300 on-line water quality analyzer  
HQ-300水质在线分析仪

T2030thruster  
T2030水下推进器

TD2020thruster  
TD2020水下推进器

Navsight FOG  
Navsight 分体式INS\_光纤IMU



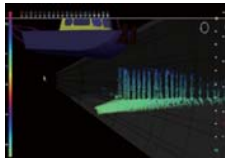
Detector  
岸基固态监视雷达

Detector  
岸基固态监视雷达

XFR  
全固态高分辨力海洋测量雷达

XFR  
全固态高分辨力海洋测量雷达

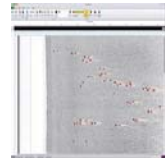
## Optimized Product of the Year 年度优化产品速递



CodaOctopus® Underwater Survey Explorer Professional (USE PRO)



Integrated Pan & Tilt (IPT)



Survey Engine® Automatic Object Detection Package (SEADP)



EvoLogics S2C R Modems



MST 多通道沉降物捕集器



Multi-Limnos 时间序列自动采水器



MWS 多通道水样采集器



SFM 便携式精确定深采水器



RBRargo³ 剖面浮标传感器



RBRconcerto³、maestro³ 多参数水质仪 (含深海型)



RBRlegato³ 水下滑翔机传感器CTD



DT101Xi Multibeam



DT102Xi Multibeam



Cathodic Protection System 阴极保护系统



IP Cameras IP摄像机



Marine CCTV Cameras System 船用闭路电视摄像机系统



OceanPack 走航式二氧化碳分析仪



Oceanpack AUMS 走航式表层多要素测量系统

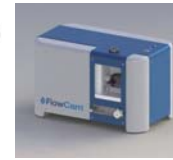
## Optimized Product of the Year 年度优化产品速递



Gemini 720im



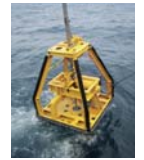
TD&CTD 温深仪



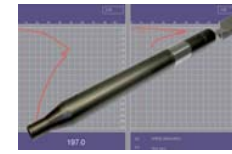
FlowCam 流式影像仪



ICONE 全数字探头



SEABED CPT ROSON 海床CPT系统



Icone Vane Module 海底十字板剪切仪



DEOcean Oceanographic Winch DEOcean海洋绞车



LoPAS-L(+) 超低功耗自容式水声信号记录仪



MARS 阵列水声信号采集处理系统



TH-Series Instrument Deployment Unit TH系列仪器部署装置



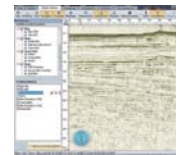
Micro-Signal Amplify Module 超低噪声水声信号放大模块



Geo Mini-Spark 1000 J PPS Geo 1000焦迷你脉冲电源



Spark 48 kJ PPS Geo 48千焦脉冲电源



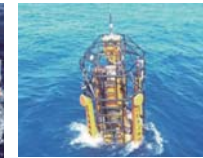
Geo Suite\_Allworks CN Version Geo Suite\_Allworks中文版



多级原位海水采集系统 (大体积泵)



深海电法探测仪



深海钻机



深水自容式摄像机

## Optimized Product of the Year 年度优化产品速递



iPos MS  
系列高精度惯性组合导航系统



iSide  
系列侧扫声纳系统



iTrack  
系列水声定位系统



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Black Pearl Wave Glider  
“黑珍珠”波浪滑翔器



Slimline  
多通道水样采集器



Multi-Limnos  
时间序列自动采水器



MultiNet  
浮游生物多联采样网



ZooSCAN  
浮游动物扫描分析系统



SU12  
无人船



观海ROV



CruiseAOP  
走航式水体表面光谱观测系统



EasyAOP  
便携式水体光谱观测系统



FOBY  
漂浮式直测法水体表面光谱观测系统

## Optimized Product of the Year 年度优化产品速递



ZKQH\_BUOY  
海洋浮标观测系统



ZKQH\_CruiseBOP  
走航式多参数观测系统



ZKQH\_WHSR  
水体高光谱辐射计



CONTINUES FLOW ANALYZER  
连续流动分析仪AA3



HQ-800  
系列原位在线营养盐分析仪



DISCRETE ANALYZER  
间断分析仪AQ300



DISCRETE ANALYZER  
间断分析仪AQ400



CONTINUES FLOW ANALYZER  
连续流动分析仪AA100



Cygnus FMD System  
信固超声波水下构件检测系统



HESYL series component  
深海通用系列光电连接器组件



HEXL series component  
深海通用系列橡塑湿插拔电连接器组件



Maraine engineering annex  
海洋工程附件等



MHESYL series component  
微型浅水通用系列电连接器及组件



WET-MATE connector  
水下插拔连接器



Trailing Cable  
拖曳电缆



Umbilical Cable  
脐带电缆



Watertight Cable  
水密电缆



ROV  
白鲨MINI



## Optimized Product of the Year 年度优化产品速递



FT510  
活塞取样器



FT520  
重力取样器



Underwater GNSS  
Receiver  
抗水深GNSS接收机



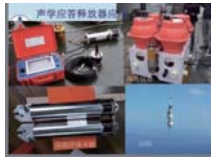
MRU  
三维姿态传感器



Flexible underwater  
antenna  
柔性抗水深天线



Acoustic Response Releaser  
声学应答释放器



Acoustic Response Releaser  
声学应答释放器



Acoustic Response Releaser  
声学应答释放器



Acoustic Response Releaser  
声学应答释放器



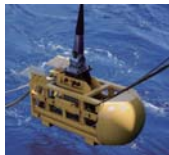
Acoustic Response Releaser  
声学应答释放器



deck unit  
甲板单元



Marine scientific examination  
personnel insurance  
海洋科考人员保险



Marine scientific research  
instrument insurance  
海洋科考仪器保险



Marine scientific research  
instrument insurance  
海洋科考仪器保险



Marine scientific research  
instrument insurance  
海洋科考仪器保险



Marine scientific research ship  
insurance  
海洋科考船舶保险



Environmental Observing  
Container



Debubbler



FerryBox



Plankton or marine litter  
sampler



PocketFerryBox



TRCable  
拖曳电缆



TRCable  
拖曳电缆



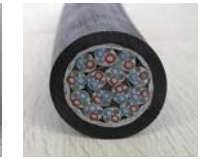
TRCable  
拖曳电缆



UGCable  
水下网络电缆



UGCable  
水下网络电缆



WTCable  
水密电缆



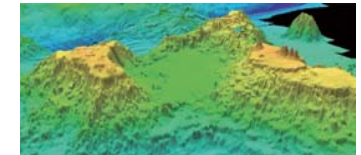
WTCable  
水密电缆2



Geo 3D system  
系统服务



Geo Spark 1000 Mini  
迷你一千瓦电源箱



EM 124  
深水多波束



EM 2040P MKII  
浅水多波束



Flexview  
多波束成像声呐



RBRmaestro<sup>3</sup>  
标准型多参数水质仪\_深海型可选



Ruskin Mobile  
仪器操作软件Ruskin移动端版

## Optimized Product of the Year 年度优化产品速递



Surface drift buoy  
漂流浮标



Telemetry terminal  
E700遥测终端机



Temperature meter deep  
温深仪



光纤陀螺惯性  
导航系统



MS400 multi-beam echo  
sounders  
海卓MS400H波束测深仪



SS3060 Side scan sonar  
海卓SS3060高清宽带双频侧  
扫声呐



SVP1500 Sound velocity  
profiler  
海卓SVP1500声速剖面仪



SVS1500 Surface Acoustic  
Velocimeter  
海卓SVS1500表面声速仪



Underwater Duplex Communication  
Equipment  
水下双工通信设备



YODA  
走航式温盐深仪



Cavitation Cleaning  
Gun



Cavitation Cleaning  
Plate



Hydraulic Polisher



Cavitation Cleaning  
Power Unit



Cavitation Cleaning  
Power Unit



Bearing tension joint & special  
connection terminals  
海工附件-铰链及万向节组件



Branch components  
海工附件-分枝组件



Micro shallow water general series  
electrical connectors and  
components  
微型金属光电系列传输组件

## Optimized Product of the Year 年度优化产品速递



Watertight Cable  
特种水密光电电缆



HQ-500 drawer nutrient  
online analyzer  
HQ-500抽屉式营养盐  
在线分析仪



ISOPD (OBS)  
NAMMU (OBS)  
海底地震仪NAMMU  
地震监测仪ISOPD



Sediment Trap  
沉积物捕获器



Ekinox-D INS  
Ekinox-D  
惯性导航系统



Ekinox-E  
Ekinox-E 外部辅助导航系统



Navsight EK  
Navsight分体式INS\_EK级IMU



Navsight Surface  
Navsight 分体式INS\_APG级IMU



Apogee Series INS  
Apogee系列惯性导航系统



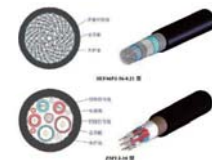
Navsight\_Marine  
Navsight 分体式INS-海洋应用



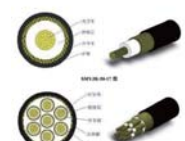
海洋勘查分析仪



海洋勘查分析仪



多芯屏蔽水密电缆  
多芯综合水密电缆



射频水密电缆



拖曳漂浮水密电缆



光电连接器



装备线缆

# @Oi China Associated Meetings @Oi China 联名专题会议

Wednesday 13<sup>th</sup> November 2019  
2019年11月13日 (星期三)



**Topic: Presentation of WATERTOOLS' Latest Oceanographic Research Technologies & Instruments**

**Time: 10:00-11:20 & 14:00-15:20**

**Location: C25 stand**

Co-organised by: Supporting Unit:



Marine Ecological and Chemical Monitoring Technology session	
10:00-10:20	Development and Status of Marine Ecological Environmental Monitoring Technology Yingying Zhang, Professor, Institute of Oceanographic Instrumentation, Shandong Academy of Sciences
10:20-10:40	An Instrument for Rapidly Determining the Concentrations of Total Carbon and Nitrogen in Sediments Pingping Fan, Associate Professor, Institute of Oceanographic Instrumentation, Shandong Academy of Sciences
10:40-11:00	Marine Biological Toxicity Monitoring and Early Warning Technology Based on Behavioral Response of Bivalves Jing Lv, Associate Professor, Institute of Oceanographic Instrumentation, Shandong Academy of Sciences
11:00-11:20	A New Type of Sea - Air Multi - Parameter Monitoring System Emma Fang, Product Specialist, Qingdao Watertools Co., Ltd.
Marine Microplastic Investigation session	
14:00-14:20	Research Progress On Marine Microplastic Rapid Detection Equipments Nan Gao, Research Assistant, Institute of Oceanographic Instrumentation, Shandong Academy of Sciences
14:20-14:40	A New Technology For Marine Microplastic Sediment Separating Mickey Hou, Product Specialist, Qingdao Watertools Co., Ltd.
14:40-15:00	Several Methods for Accurate Quantitative Sampling Marine Microplastic Particles Chris Zhao, Product Specialist, Qingdao Watertools Co., Ltd.
15:00-15:20	A New Sharp Weapon for Marine Ecological Research--ZooSCAN Imaging System Alisa Tan, Product Specialist, Qingdao Watertools Co., Ltd.

\* The programme is subject to change.

**会议议题: 水德仪器最新海洋调查设备和技术汇报专场**

**会议时间: 10:00-11:20 & 14:00-15:20**

**会议地点: C25展位**

共同主办:



支持单位:



海洋生态化学监测技术专场	
10:00-10:20	海洋生态环境监测技术发展趋势与现状 张颖颖, 山东省科学院海洋仪器仪表研究所研究员
10:20-10:40	沉积物碳氮光谱速测仪 范萍萍, 山东省科学院海洋仪器仪表研究所副研究员
10:40-11:00	基于双壳类生物行为反应的海洋生物毒性监测预警技术 吕婧, 山东省科学院海洋仪器仪表研究所副研究员
11:00-11:20	新型走航式海气多参数监测系统 房文艳, 青岛水德仪器有限公司产品专员
海洋微塑料调查技术专场	
14:00-14:20	海洋微塑料快速检测装备研究进展与现状 高楠, 山东省科学院海洋仪器仪表研究所助理研究员
14:20-14:40	海洋微塑料沉积物分离器新技术及应用 侯媛媛, 青岛水德仪器有限公司产品专员
14:40-15:00	几种精确定量采集海洋微塑料的新方法 赵斌, 青岛水德仪器有限公司产品专员
15:00-15:20	海洋生态研究新利器--浮游动物图像扫描分析系统ZooSCAN 谭畅, 青岛水德仪器有限公司产品专员

\* 最终活动日程以现场公布为准。

# @Oi China Associated Meetings @Oi China 联名专题会议

Thursday 14<sup>th</sup> November 2019  
2019年11月14日 (星期四)



**Topic: Presentation of WATERTOOLS' Latest Oceanographic Research Technologies & Instruments**  
**Time: 10:00-11:40**  
**Location: C25 stand**

Co-organised by:



Supporting Units:



China-Made Marine Instruments session	
10:00-10:20	Wave Glider Technology and Applications in Ocean Observations Xiujun Sun, Professor, Ocean University of China
10:20-10:40	The Achievement of Chinese Marine Ecological And Chemical Sensors Jason Fu, Product Specialist, Qingdao Watertools Co., Ltd.
10:40-11:00	New Technology of Deepsea Ecological Observation: Deepsea 3D Measurable Camera and Deepsea Low Light Camera Junyi Yang, General Manager, OIA Technology Co.Ltd, Hangzhou, China
11:00-11:20	Introduction of Acoustic Releaser Manufactured by Tigerfish Bo Cui, General Manager, Qingdao Tigerfish Marine Equipemnt Co., Ltd.
11:20-11:40	Daowan Is Building Chinese High Precision CTD Probe Tom Fan, Product Specialist, Qingdao Watertools Co., Ltd.

\* The programme is subject to change.

**会议议题: 水德仪器最新海洋调查设备和技术汇报专场**  
**会议时间: 10:00-11:40**  
**会议地点: C25展位**

共同主办:



支持单位:



国产海洋仪器专场	
10:00-10:20	波浪滑翔器技术及海洋观测应用 孙秀军, 中国海洋大学教授
10:20-10:40	打破国外垄断-国产海洋生态化学传感器成果展示 符巧生, 青岛水德仪器有限公司产品专员
10:40-11:00	深海生态视觉观测新技术-深海三维立体相机与深海微光相机 杨俊毅, 杭州鹏影科技有限公司总经理
11:00-11:20	泰戈菲斯国产声学释放器产品推介 崔波, 青岛泰戈菲斯海洋装备股份公司总经理
11:20-11:40	关键技术自主可控-道万, 做中国人自己的高精度温盐深仪 范尧, 青岛水德仪器有限公司产品专员

\* 最终活动日程以现场公布为准。

## Associated Events 同期活动



### Ice Breaker —— Networking with Chinese Partners

**DATE:** Tuesday 12<sup>th</sup> Nov, 2019  
**TIME:** 16:00-17:00  
**PARTICIPATION:** by invitation only  
**LOCATION:** East of the Lobby (close to Gate 4)

### Blue Whale Club VIP Lunch



**DATE:** Wednesday 13<sup>th</sup> Nov, 2019  
**TIME:** 12:00-13:00  
**PARTICIPATION:** by invitation only  
**LOCATION:** Room 305, 3<sup>rd</sup> Floor

### New Opportunity for Marine Industry under FTZ New Special Area Policy

Organised by:



**DATE:** Wednesday 13<sup>th</sup> Nov, 2019  
**TIME:** 10:00-10:40  
**PARTICIPATION:** open to all exhibitors and visitors  
**LOCATION:** Oi Theater B

### 2019 International Marine Technology and Ocean Science Innovation Competition Awards Ceremony

Co-organised by:



**DATE:** Wednesday 13<sup>th</sup> Nov, 2019  
**TIME:** 11:30-11:50  
**PARTICIPATION:** open to all exhibitors and visitors  
**LOCATION:** Conference Room A

### Happy Hour



**DATE:** Wednesday 13<sup>th</sup> Nov, 2019  
**TIME:** 16:00-17:00  
**PARTICIPATION:** open to all exhibitors and visitors  
**LOCATION:** Oi Theater A

### 破冰酒会 ——与国际品牌商面对面

**日期:** 2019年11月12日 (星期二)  
**时间:** 16:00-17:00  
**与会者:** 向受邀嘉宾开放  
**地点:** 东侧序厅 (4号门侧)

### 蓝鲸汇高峰午餐会



**日期:** 2019年11月13日 (星期三)  
**时间:** 12:00-13:00  
**与会者:** 向受邀嘉宾开放  
**地点:** 展馆三层305

### 探索自贸区新片区新形势 下的海洋产业发展机遇

主办单位:



**日期:** 2019年11月13日 (星期三)  
**时间:** 10:00-10:40  
**与会者:** 向所有展商、观众开放  
**地点:** Oi剧场 B

### 2019年首届国际海洋工程 装备科技创新大赛颁奖仪式

共同主办:



**日期:** 2019年11月13日 (星期三)  
**时间:** 11:30-11:50  
**与会者:** 向所有展商、观众开放  
**地点:** 会议室 A

### 欢乐时光酒会



**日期:** 2019年11月13日 (星期三)  
**时间:** 16:00-17:00  
**与会者:** 向所有展商、观众开放  
**地点:** Oi剧场 A

# General Information

## 实用信息



### Admissions Policy

1. Admission to the Oceanology International China Show, conference programme and on-site activities is only granted to holders of an official visitor badge. To get a badge on-site, please go to the Visitor Registration Counter.
2. Oceanology International China is a B2B event, visitors under 18 years and/or non-trade are not allowed into the event.
3. The badge is for personal use only and is non-transferable. All the images taken by photo scan system will be destroyed at the close of the exhibition.
4. The Customer Service Centre will be set up on-site to assist visitors and exhibitors with enquiries.
5. Please mind your belongings at all times. The show management cannot be held responsible for any property.

### Emergency Procedures

If the fire alarm sounds, make your way to the nearest marked emergency exit and proceed to a safe area. Suspicious Items: Please report any suspicious items immediately to the Customer Service Centre.

### Accommodation

The organiser appointed the official travel agent Shenzhen JL Exhibition and Conference Service Co., Ltd. at competitive room rates for your choice.

Contact Person: Ms. Grace Zhang

Mobile: (86) 138 1729 9016

Email: exhibition@bestmeeting.net.cn

Oceanology International China attendees can be offered a discount rate.

### Business Centre

The business centre is placed at entrance hall. Copy and printing services are available.

### Canvassing

Canvassing for orders by any unauthorised person is strictly prohibited and the display or distribution of printed material, except by the exhibitors on their own stands, is also prohibited.

### Show Management Office and Media Centre

The Show Management Office and Media Centre are placed on the show floor.

### 参观提示

1. 上海国际海洋技术与工程设备展览会展览、会议论坛以及现场活动只对持有观众证件的专业人士开放。若无观众证件的专业人士，可前往观众注册处办理证件。
2. 上海国际海洋技术与工程设备展览会为专业展会，18岁以下未成年人及/或非专业人士谢绝办理参观证件。
3. 展会证件一人一证，不可转借。展会采用摄录肖像系统，所有影像将于展会结束后删除。
4. 展会主办方将设置现场客户服务中心，客户服务中心将在展会期间运营。
5. 请您在展会期间看管好随身物品，尤其是手机、钱包、护照等贵重物件。主办方对丢失物品一律不承担责任。

### 紧急情况应急处理办法

现场人员如发现火情，请使用最近的灭火器材灭火。如听到报警铃声，请有序从安全通道疏散到安全地带。如可能，请立即通知客户服务中心。

### 酒店住宿

深圳市捷旅会展服务有限公司作为本次展览的大会指定旅游代理，提供酒店及住宿的服务。

联系人：张晓莉

手机：(86) 138 1729 9016

邮箱：exhibition@bestmeeting.net.cn

Oi China与会者均可享受优惠价格。

### 商务中心

商务中心位于展馆注册大厅内，提供付费的复印、打印等服务。

### 资料的摆放与派发

展商可在其展位范围内摆放与派发资料，除此以外，任何未经组委会授权的展商、组织及个人，严禁以任何名义摆放或派发资料。

### 主办办公室及媒体中心

主办办公室及媒体中心位于展厅内。

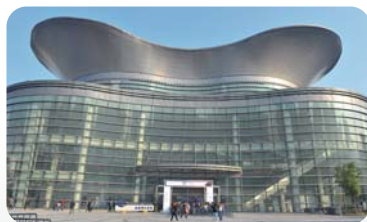
## Food & Beverage Services Around The Venue 展馆周边餐饮服务



Name	Address	Tel	Type	Consumption per Person (RMB)
Creative Crab Flavor	L418-19, No.178, Joycity, Putuo District	021-6079 5201	Shanghai Cuisine	219
Fule Grill	No.375, Furong River Road	021-6229 1392	Grill	197
Chartres Restaurant	L4-4-8, Parkside Plaza at Changfeng	021-5266 8100	Italian Food	166
Yanxianghui	L3, No.178, Joycity, Putuo District	021-6143 2628	Guangdong Cuisine	140
Coucou Hotpot	L2-16/17, No.178, Joycity, Putuo District	021-6140 3266	Hotpot	154
Magnet	L1-105, No.178, Joycity, Putuo District	021-6147 9235	Western Cuisine	127
South Beauty	L3, No.178, Joycity, Putuo District	021-6147 8670	Sichuan Cuisine	164
Citygarden	L322-23, No.178, Joycity, Putuo District	021-6140 1967	South-east Asia Style	110
Legend Taste	L2, No.178, Joycity, Putuo District	021-6117 8536	Yunnan Cuisine	108
Xibei Restaurant	L205-02, No.178, Joycity, Putuo District	021-6147 9253	Northern-West Cuisine of China	94
BLOCK 80	L1, No.178, Joycity, Putuo District	021-6087 9562	Western Cuisine	93
Xinwang Restaurant	B1, Parkside Plaza at Changfeng	021-6271 5217	Guangdong Cuisine	85
Guandong Xiaomo	L4, No.178, Joycity, Putuo District	021-6147 0018	Northern-West Cuisine of China	76
Wagas	L111-04, No.178, Joycity, Putuo District	021-6147 9017	Western Cuisine	79
Qiunan Restaurant	B104, No.178, Joycity, Putuo District	021-6147 9168	Counter Meal	54

餐厅名称	地址	电话	类别	人均
蟹榭	大渡河路178号长风大悦城L4-18-19	021-6079 5201	上海菜	219
福乐烧肉	芙蓉江路375号	021-6229 1392	烧烤	197
夏朵餐厅	天山路178号缤谷广场东座4楼408室	021-5266 8100	意大利菜	166
宴享荟	大渡河路178号长风大悦城L3	021-6143 2628	粤菜	140
凑凑火锅·茶憩	大渡河路178号长风大悦城L2-16/17	021-6140 3266	火锅	154
磁石	大渡河路178号长风大悦城L1-105	021-6147 9235	西餐	127
俏江南	大渡河路178号长风大悦城L3	021-6147 8670	川菜	164
星怡会	大渡河路178号长风大悦城L3	021-6140 1967	新加坡菜	110
滇道	大渡河路178号长风大悦城L2	021-6117 8536	云贵菜	108
西贝莜面村	大渡河路178号长风大悦城L2层L205-02	021-6147 9253	西北菜	94
BLOCK 80	大渡河路178号长风大悦城L1	021-6087 9562	西餐	93
新旺茶餐厅	天山路341号缤谷广场东座B1层	021-6271 5217	茶餐厅	85
关东小磨	大渡河路178号长风大悦城L4	021-6147 0018	东北菜	76
Wagas沃歌斯	大渡河路178号长风大悦城L1层L111-04	021-6147 9017	西餐	79
秋满膳房	大渡河路178号长风大悦城B1层B104	021-6147 9168	快餐简餐	54

## Supporting Services Around The Venue 展馆周边配套服务



### Bank

Name	Sub-Branch	Address	Tel
Industrial and Commercial Bank of China	Putuo sub-branch	L1,L2, No.5, 388 Alley, Daduhe Rd., Putuo District, Shanghai	95588
China CITIC Bank	Changfeng sub-branch	Changfeng International Building, East Yunling Rd., Putuo District, Shanghai	021-3258 6996
China Construction Bank	Nujiang River Shanghai sub-branch	No.1004, Jinshajiang Rd., Putuo District, Shanghai	021-5276 1103
Bank of China	Changfeng Business District sub-branch	L133-34, L1, Changfeng Joy City, No.178, Daduhe Rd., Putuo District, Shanghai	021-3258 0858
Agricultural Bank of China	Tianshan sub-branch	No.310-6C, Tianshan Rd., Changning District, Shanghai	021-6291 0491
Bank of Shanghai	Weining Rd. sub-branch	No.324-326, Tianshan Rd., Changning District, Shanghai	021-6290 1365
Shanghai Pudong Development Bank	Tianshan Rd. sub-branch	L1, No. 426, Weining Rd., Changning District, Shanghai	021-5216 2063
Bank of Communications	Weining Rd. sub-branch	No.410, Weining Rd., Changning District, Shanghai	021-3353 6405
Shanghai Rural Commercial Bank	Changfeng Business District sub-branch	L1, No.651, Yunling East Rd., Putuo District, Shanghai	021-6226 0317

### Bank

Name	Address
Ping An Bank	No.89, Changfeng International Building, Yunling East Rd., Putuo District, Shanghai
Industrial and Commercial Bank of China	No.5, 388 Alley, Daduhe Rd., Putuo District, Shanghai
Bank of China	F2, Changfeng Joy City, No.196, Daduhe Rd. Putuo District, Shanghai
Agricultural Bank of China	No.310-6C, Tianshan Rd., Changning District, Shanghai
Bank of Shanghai (Weining Rd. sub-branch)	No.324-326, Tianshan Rd., Changning District, Shanghai

### 银行

名称	支行	地址	电话
中国工商银行	普陀支行	上海市普陀区大渡河路388弄5号1、2层	95588
中信银行	长风支行	上海市普陀区云岭东路89号长风国际大厦 No.89	021-3258 6996
中国建设银行	上海怒江支行	上海市普陀区金沙江路1004附近	021-5276 1103
中国银行	长风商务区支行	上海市普陀区大渡河路178号长风大悦城 L1层L133-34	021-3258 0858
中国农业银行	天山路支行	上海市长宁区天山路310号-6C	021-6291 0491
上海银行	威宁路支行	上海市长宁区天山路324-326号	021-6290 1365
上海浦东发展银行	天山路支行	上海市长宁区威宁路426号1楼	021-5216 2063
交通银行	上海威宁路支行	上海市长宁区威宁路410号	021-3353 6405
上海农商银行	长风商务区支行	上海市普陀区云岭东路651号一楼	021-6226 0317

### 自动提款机

名称	地址
平安银行ATM	上海市普陀区云岭东路89号长风国际大厦1层
中国工商银行24小时自助银行（普陀支行）	上海市普陀区大渡河路388弄5号
中国银行24小时自助银行长风商务区支行	上海市普陀区大渡河路196号长风大悦城F2
中国农业银行ATM	上海市长宁区天山路310号-6C
上海银行24小时自助银行（威宁路支行）	上海市长宁区天山路324-326号



## Supporting Services Around The Venue 展馆周边配套服务



### Hospital

Name	Classification	Address	Tel
Tongren Hospital Affiliated to Medical College of Shanghai Jiao Tong University	General hospital	No. 1111, Xianxia Rd., Changning District, Shanghai	021-5203 9999 400 920 9995
Shanghai Putuo District Central Hospital	General hospital	No.164, Lanxi Rd., Putuo District, Shanghai	021-2223 3222 021-6257 2723
Shanghai United Family Hospital	General hospital	No.699, Pingtang Rd., Changning District, Shanghai	021-2216 3901 400 6393 900

### Pharmacy

Name	Address	Tel
Huashi Pharmacy	No.139, Daduhe Rd., Putuo District, Shanghai	021-6307 5777 021-6245 2416
Baiheyuan Pharmacy	Room A, No.1060, Jinshajiang Rd., Putuo District, Shanghai	189 3086 8056
Haiwangxingchen Health Pharmacy	No.128, Tianshan Zhi Rd., Changning District, Shanghai	021-6233 3219
Deyi Pharmacy	L1-124, Bingu Plaza, No.341, Tianshan Rd., Changning District, Shanghai	021-3252 6370
People's Pharmacy	No.30, 585 Alley, Tianshan Rd., Changning District, Shanghai	021-3203 5300

### Convenient Store

Name	Address	Tel
Family Mart	No.31, 168 Alley, Daduhe Rd., Putuo District Shanghai	021-5283 5646
C-store	Room104, Lobby of Building 3, No.235, East Yunling Rd., Putuo District Shanghai	136 8178 5714
Le Dian Convenient Store	L1, No.17, 118 Alley, Zhongjiang Rd., Putuo District Shanghai	136 2196 2391
Lawson	Room1080, Building 1, No.505, Tongpu Rd., Putuo District Shanghai	021-5297 6397

### 医院

名称	类别	地址	电话
上海市交通大学医学院附属同仁医院	综合医院	上海市长宁区仙霞路1111号	021-5203 9999 400 920 9995
上海市普陀区中心医院	综合医院	上海市普陀区兰溪路164号	021-2223 3222 021-6257 2723
上海和睦家医院	综合医院	上海市长宁区平塘路699号	021-2216 3901 400 6393 900

### 药店

名称	地址	电话
华氏大药房	上海市普陀区大渡河路139号	021-6307 5777 021-6245 2416
百合缘大药房	上海市普陀区金沙江路1060号A室	189 3086 8056
海王星辰健康大药房	上海市长宁区天山支路128号	021-6233 3219
得一大药房	上海市长宁区天山路341号缤谷广场1层124室	021-3252 6370
老百姓大药房	上海市长宁区天山路585弄30号	021-3203 5300

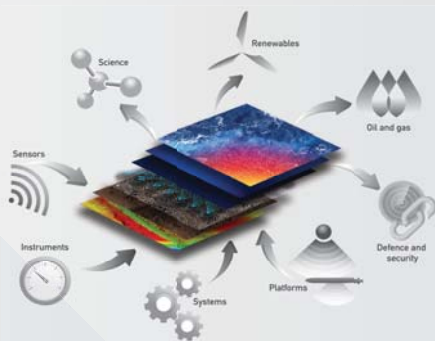
### 便利店

名称	地址	电话
全家便利店	上海市普陀区大渡河路168弄-31号	021-5283 5646
喜士多便利店	上海市普陀区云岭东路235号3号楼大堂104室	136 8178 5714
乐点便利店	上海市普陀区中江路118弄17号1层	136 2196 2391
罗森便利店	上海市普陀区同普路505号1号楼1080室	021-5297 6397

# Oi oceanology international®

the global ocean forum

## THE OCEANOLOGY INTERNATIONAL PORTFOLIO OI全球系列展会



Oi oceanology  
international®  
**2020** 17-19 MARCH 2020, LONDON, EXCEL

**2020.03.17-19**  
EXCEL, LONDON, UK  
伦敦EXCEL会展中心·英国

Oi oceanology  
international®  
**CHINA** 上海国际海洋技术与工程设备展览会  
13-15 November 2019 | SHANGHAI  
A Reed Maritime Event

**2019.11.13-15**  
CECIS, SHANGHAI, CHINA  
上海跨国采购会展中心·中国



Oi oceanology  
international®  
**AMERICAS** 15-17 FEBRUARY 2021  
SAN DIEGO CONVENTION CENTRE, CA

**2021.02.15-17**  
SAN DIEGO CONVENTION CENTER, CA, US  
圣地亚哥会展中心·美国

Oi oceanology  
international®  
**MIDDLE EAST** 7-9 SEPTEMBER 2020  
ADNEC, ABU DHABI

**2020.09.07-09**  
ADNEC, ABU DHABI, UAE  
阿布扎比会展中心·阿联酋

# Oceanology International China 2019 Floorplan

## 上海国际海洋技术与工程设备展览会展位图

13-15 NOV 2019, CECIS, SHANGHAI

2019年11月13日-15日 | 上海跨国采购会展中心



上海国际海洋技术与工程设备展览会  
13-15 November 2019 | SHANGHAI  
A Reed Maritime Event

Concurrent Exhibition:  
同期举办:

