



2018 IRSO 31st Meeting Draft Agenda - October 1-5, 2018 (19sept-ver3.7)

Host- Mediterranean Center for Marine and Environment (CMIMA)

Passeig Marítim de la Barceloneta, 37-49, Barcelona, Spain

Prior Registration 17:00-18:00 (CMIMA)

Monday October 1, 2018-Icebreaker 19:00-21:00

Location: <https://goo.gl/maps/6XrFS3XfwfS2>

Day1–Tuesday 2nd October-2018 _ <https://goo.gl/maps/6XrFS3XfwfS2>:

Time	Duration (Mins)	Theme	Topic	Owner	Comments
08:00	30	<i>Registration</i>	Registration	CMIMA	
08:30	5	<i>Opening of 31st. IRSO and Business</i>	Formal IRSO Day 1 Welcome and administrative matters	Bob Houtman/Erica Koning	
08:35	15		Round table introduction of participants	All	
08:50	10		Welcome to Barcelona Introduction to hosts	CMIMA-Jordi Sorribas Cervantes	
09:00	5		Meeting Remarks	Jordi Cervantes	
09:05	5		Adoption of agenda of 31st IRSO	Bob Houtman	Standing item
09:10	10		Review of minutes of 30 th IRSO	Bob Houtman	Standing item
09:20	10		Review of IRSO's Terms of Reference (ToR)	Bob Houtman	Standing item
09:30	5		Review of IRSO website	Jon Alberts	
09:35	5		Dates for next IRSO in 2019:	Bob Houtman/Erica Koning	Check your calendars
09:40	20		<i>Theme 1: Delegates Report of Activity</i>	New Zealand Research Fleet-Report of Activity	Rob Christie
10:00	30	Morning Break and Poster Session			
10:30	15		Research Infrastructures Databases (EurOcean_RID and EurOcean_RV)	Sandra Isabel Oliveira Sa'	

10:45	15		ERVO Group- Cooperation with Eurofleets + European Marine Board	Klas Lackschewitz & Lieven Naudts	
11:00	15	Theme 1: <i>Delegates Report of Activity</i>	Australian Marine National Facility-Challenges of scaling up operations from 180 to 300 days per year	Toni Moate	
11:15	15	Theme 1	NOAA Fleet Recapitalization Plan	Nancy Hann	
11:30	15		Xiamen University and its State Key Lab for Marine Environmental Science	Haili Wang	New member
11:45	15		Nigeria Institute for Shipping	Chiemeka Chima Igbokwe	New member
12:00	60	Lunch and Poster Session			
13:00	15	Theme 1 continued	Israel Oceanographic & Limnological Research, R/V <i>Bat Galim</i>	Gideon Tibor	New member
13:15	15		Ifremer and the French oceanographic fleet.	Olivier Lefort	
13:30	15		JAMSTEC Fleet Management Reborn Plan	Shin'ichi KURAMOTO	
13:45	15	Theme 2 R/V Builds, Modifications, and Performance	R/V <i>Xiangyanghong</i> 10 operation and management in 2017	Zhu Yongling	
14:00	15		Renewed Measurements of underwater radiated noise, R/V Simon Stevin- after 5 yrs.	Dre Cattrijisse	
14:15	15		R/V <i>Kronprins Haakon</i> Ice Trials report	Per Nieuwejaar	
14:30	15		Regional Class Research Vessels R/V <i>Marcus Langseth</i> Retirement Plans Ocean Observatories Initiative	Bob Houtman	
14:45	15		Midlife Refit- R/V <i>Thompson</i>	Doug Russell	
15:00	15		AGOR Class Midlife Refit	Mike Prince	
15:15	15		ONR's <i>Flip</i> & <i>DSV Alvin</i> Upgrades	Tim Schnoor	
15:30	30	Afternoon Break and Poster Session			
16:00	15		R/V <i>Barnes</i> Replacement-R/V <i>Rachel Carson</i>	Doug Russell	
16:15	15		Construction of Research Vessel Database for efficient operation	Ken Yatsu	
16:30	15		RSV <i>Nuyina</i> - Exciting Future of the Australian Antarctic Program	Phillip Boxall	
16:45	Wrap Up Discussion for Day 1				
1730	End of Day 1- Evening Open				

Day 2 – Wednesday 3rd October

Time	Duration (Mins)	Theme	Topic	Owner	Comments
08:30	5	<i>Formal IRSO Meeting Day 2</i>	Administrative matters/logistics	Bob Houtman/Erica Koning	
08:35	30	<i>Theme 3: Manning, Safety and Training</i>	Civility at Sea	Rose Dufour	
09:05	15	<i>Theme 3: Manning, Safety and Training</i>	Polar Code Workshop & Update	Per Nieuwejaar	
09:20	15		Polar Code Survival Training Course	Hanna Suutaria	
09:35	15	<i>Theme 3</i>	Medicals & Safety Training for Scientists	Erica Koning	
09:50	15	<i>Theme 3</i>	Drug Testing	Leigh Storey	
10:05	25	Morning Break and Poster Session			
10:30	15	<i>Theme 4 Scientific Technology</i>	Optimizing USBL Positioning from Research Vessels	Geraint West	
10:45	20		Open	Open	
11:05	20	<i>Special Topics</i>	What a modern research institute does	Leigh Story	
11:25	20		Way to stable survey using AUVs	Satoshi Tsukioka	
11:45	20		Modern Icebreaker Research Vessel Requirements to Design	Anders Mård	
12:05	20		Zero V Emissions	Bruce Appelgate	
12:25	15		ICES 209 after running URN	Per Nieuwejaar	
12:45	15		Operational strategies for fuel consumption minimization	Aodhán FitzGerald	
13:00	60	Lunch and Poster Session			
14:30	180	Mini Bus Pick up	Visit to Research Vessel Facilities CSIC & IEO		
18:00	30	Mini Bus Pick up	Return to Hotel		

Day 3 –Thursday 4thth October

Time	Duration (Mins)	Theme	Topic	Owner	Comments
08:30	5	<i>Formal IRSO Meeting Day 3</i>	Administrative matters / logistics	Bob Houtman/Erica Koning	
08:35	90	<i>Theme 5: Legal & Insurance</i>	Risk Management, Insurance, and Admiralty Law	Dennis Nixon	
10:05	25		Morning Break and Poster Session		
10:30	15	<i>Theme 5: Legal and Insurance</i>	Craft Risk Management Standard for Biofouling (CRMS)- New Zealand	Greg Foothead	
10:45	20	<i>Theme 5: Legal and Insurance</i>	U.S. State Department	Allison Reed & Matt Kastrinsky	
11:05	15	<i>Theme 6: Cooperation & Outreach</i>	Eurofleets 3 Proposal	Aodhán FitzGerald	
11:20	15	<i>Theme 6 continued</i>	European Research Fleets: options for future management and coordination	Giuseppe Magnifico	
11:35	15	<i>Theme 6 continued</i>	Training Crew, Technicians, Office Staff of Developing Countries in Marine Operations	Per Nieuwejaar	
12:10	20	<i>Theme 6 continued</i>	INO-IOC GEBCO 2030 Project	Satinder Bindra	
12:30	15	<i>Theme 6 continued</i>	R/V Investigator- Education and Outreach Activities	Toni Moate	
12:45	15	<i>Theme 6 continued</i>	Research Vessels of New Zealand & Australia (RVONZA) New Collaborative Forum	Rob Christie	
13:00	60		Lunch and Poster Session	All	
14:00	15		Improving the EMSO-ERIC Collaboration for the benefit of Marine Science	Juanjo Dañobeitia	
14:15	20	<i>Special Topics</i>	Elect. Winches and Non-Hydraulic A-Frames	Ole Aarup Mikkelsen	
14:35	25		Manning Questionnaire Results	Erica Koning	
15:00	15		Spanish Big and Singular Science Infrastructure	Jose Ignacio Doncel/General Director	
15:15	30	<i>IRSO Business</i>	Open Floor for Topics Review of Action Items Introduction to venue for IRSO 2019 in Australia at CSIRO Suggestions for Themes/Guest Speakers for 2019 Meeting	Bob Houtman & Erica Koning Jordi Sorribas Cervantes Toni Moate	

15:45			End of IRSO 2018	
15:45-1900			"Towards an European Network of Polar Research Vessels in the Arctic",	https://arice.eu/news/52-arice-workshop-towards-an-european-network-of-polar-research-vessels-in-the-arctic
19:30			Walk to Restaurant along the seafront	
20:00	150		IRSO Conference Dinner and Farewell Party	https://goo.gl/maps/KsjgMrk63bM2
22:30		BUS Pick up	Return to Hotel	

Friday 5th October- Special Event- Barcelona to Torre's Family Vineyard

Bodegas Torres Vineyard, est. 1870- Tour & Three Course Lunch- Approx, 9 hrs.