

TUESDAY - JUNE 12TH			
9:00 am - 12:30 pm	Les Assises des Energies Marines Renouvelables - French Trade Association for Renewable Energies (SER)		
9:00 - 9:15 am	OPENING - AUDITORIUM 1 Welcome introduction and indications for the conference		
9:20 am - 10:35 am	MARKETS & OPPORTUNITIES Metrics: showing what we can do Chair: Simon Robertson , Research Associate, Edinburgh University Vincent Gourmel , Naval Energies: Lifecycle simulation tool and integrated approach to assess and optimize the performance of a tidal farm Ralf Starzmann , Sales Director and Head of Hydrodynamics, Schottel Hydro: Power Performance Assessment of Individual Turbines on a Multi-Turbine Floating Tidal Energy Platform Jochem Weber , Chief Engineer of the Water Power Program, National Renewable Energies Laboratory: Fundamental Requirements for the Formulation of Metrics Wave Energy Technology Development Miguel Santos-Herran , Research Associate, University of Edinburgh : Techno economic assessment of submerged wave energy converter based on Dielectric Elastomer Generator	UNDERWATER Operating in the cruel sea: Learning and Planning Chair: John Huckerby , Power Projects Ltd Jason Schofield , CEO, Green Marine UK: O&M in the Wave & Tidal Sector Diane Dhomé , Project Manager, Sabella: Performing marine operations in strong current areas effectively Borja de Miguel , Head of Technology Development, Oceantec Energias Marinas: OPERATING EXPERIENCE OF MARMOK-A-5 OWC WAVE ENERGY CONVERTER AT BIMEP Irina Temiz , Uppsala University: Experience from offshore operations within the CEFOW project	Les Assises des Energies Marines Renouvelables - SER
10:35 am - 11:00 am	COFFEE BREAK		
11:00 am - 12:30 pm	MARKETS & OPPORTUNITIES Technologies Road to Market Chair: Matthijs Soede , Research Programme Officer, European Commission Gavin McPherson , Head of Policy and Research, Nova Innovation: Small is beautiful: lessons from onshore wind for ocean energy Tim Mondon , Chief Engineer, Oscilla power Marcelle Askew , VP Communications and Special Projects, Seabased Luca Castellini , UMBRA Declan Meally , Head of Department - Emerging Sectors, SEAI	UNDERWATER Operating in the cruel sea: Installing, Inspecting & Maintaining Chair: Diane Dhomé , Project Manager, Sabella Jason Hayman , Managing Director, Sustainable Marine Energy Ltd: Development of PLAT-1 for South East Asian market Izan Le Crom , Engineer, SEM REV: Feedbacks from procurement and installation phases of subsea cabling systems for Marine Renewables Energies Andrew Scott , Scotrenewables: Enabling low cost floating tidal energy Pascal Delaveau , Technical Inspector, Sofimar: Return of incurred loss experience Yves Chardard , CEO, SubSea Tech: SeaCAT : an integrated solution for unmanned inspection of offshore wind farms	Les Assises des Energies Marines Renouvelables - SER
12:30 pm - 1:45 pm	LUNCH		
1:15 pm - 1:45 pm	POSTER SESSION		
1:45 pm - 3:15 pm	PLENARY SESSION - AUDITORIUM 1 Keynote: EDF-EN Keynote: Representative from the French Government (TBC) Normandy welcomes ocean energy: Hervé Morin (President of the Region); Marc Lefèvre (President of La Manche Department); Jean-Louis Valentin (President of the urban community of Cotentin); Benoît Arrivé (Mayor of Cherbourg) International support to the sector: Representatives from the US, Canada, Japan and UK (TBC) Presentation of the program of the conference and business events: Henry Jeffrey, President of OES, Amandine Volard, ICOE2018 Program Manager, Marc Lafosse, President of BlueSign		
3:25 pm - 4:40 pm	MARKETS & OPPORTUNITIES Uptake from regions - Europe Chair: Rémi Gruet , CEO, Ocean Energy Europe Tim Hurst , Managing Director, Wave Energy Scotland: Waver Energy Scotland - Creating Waves Across Europe Hakim Mouslim , CEO, INNOSEA: Appropriate size and timing for first tidal commercial farms: how might France take the lead of the tidal energy industry Daive Magagna , Scientific Officer, Joint Research Center: Cost-targets and deployment scenarios of wave and tidal energy in Europe David Jones , CEO, Marine Energy Wales: Wales - a growing marine energy region	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: Finding and designing a site Chair: John Huckerby , Power Projects Ltd Zhaoqing Yang , Chief Scientist, Pacific Northwest National Laboratory: Analysis of Wave Energy Resource in The Nearshore Region of US West Coast Emmanuel Poizot , Geosciences Engineer, University of Caen: Vertical Microstructure Profiler for turbulence characterisation in EMR sites Sean Ferguson , Research Council Officer, National Research Council of Canada: Development of an interactive web-based decision support system to facilitate marine renewable energy site selection	UNDERWATER Risk reduction: Lessons learnt Chair: Laurent Smaghe , Industry relations manager, EDF-EN Jean Charvet , Project Manager, RTE: Best practices to reduce risk of failure and time for repairing submarine power cables Russell Dmytriw , Director of Research, Offshore Energy Research Association of Nova Scotia: Ten Years of Risk Reduction in Tidal Energy: Application of Lesson Learned in Nova Scotia Pablo Ruiz-Minguela , Head of Wave Energy, Tecnalia: Open Sea Operating Experience to Avoid Repeating Early Engineering Mistakes in Wave Energy François Reneller , Deputy Director of the industrial & services business unit, BESSE: A competitiveness tool often forgotten: insurance / Un outil de compétitivité souvent oublié: l'assurance
4:40 pm - 5:05 pm	COFFEE BREAK		
5:05 pm - 6:30 pm	MARKETS & OPPORTUNITIES Uptake from regions - Americas and Asia Chair: To be confirmed Craig Chandler , President, Mersey Consulting Ltd: The Canadian MRE Regulatory Environment: Practical Lessons from a Developer's Perspective Narasimalu Srikanth , Program Director, Nanyang Technological University: Ocean energy: A Crucial Element in Blue Economy Initiatives Towards Regional Growth Sankhadeep Chakraborty , Senior Analyst, Black & Veatch: Review of Global Ocean energy Policies; what are the lessons for India Marco Sepulveda , Project Manager, MERIC: Levelized Cost of Energy study for Marine Energy Chilean value chain assessment Alejandro Moreno , Director, Water Power Technologies Office U.S. Department of Energy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: How best to perform environmental assessments Chair: Andrea Copping , Program Manager, Pacific Northwest National Laboratory Ian Hutchinson , Director of Operations, Aquatera Diane Dhomé , Project Manager, SABELLA: Performing good environmental impacts assessment and reaching strong social acceptance for tidal energy projects Tianna Bloise , Research Associate in Marine Energy, University of Edinburgh: The right way to do Life-Cycle Assessment (LCA) on Marine Energy Sector Ann Dallman , Senior R&D Engineer, SANDIA National Laboratories: Sea state characterization for environmental risk assessment using hydrodynamic modeling Liz Foubister , Specialist, XODUS GROUP, Monitoring the environmental interactions of marine energy devices: Experiences to date – results of a developer questionnaire survey	UNDERWATER Risk reduction: Towards more reliability Chair: José Joaquín Hernández Brito , COO, PLOCAN Johannes Hüfmeier , Senior Project Manager, Research Institute of Sweden: RiSoR 2: Reliability in a Sea of Risk Gregory Pinon , Associate Professor, University of Le Havre : MONITOR, an Interreg program dedicated to the improvement of reliability of tidal energy devices. Andrew Cornett , National Research Council of Canada, Assessment of Debris Mitigation Systems for Tidal and River Turbines Vincent Neary , MHK Lead for the Water Power Technologies Program, SANDIA National Laboratory: Long-term load responses of a two-body point absorber in extreme seas Jean-François Fillpot , Scientific Director, France Energies Marines: The DiMe project : improving extreme sea states and wave breaking characterization for the extreme design of MRE systems
Markets & opportunities	Technics supporting ocean energy uptake	Underwater	

WEDNESDAY - JUNE 13TH			
8:30 am - 8:50 am			
WELCOME COFFEE			
8:50 am - 10:05 am			
PLENARY SESSION - Flagship from International Projects Chair: Henry Jeffrey , President of OES Jean-Christophe Allo, Commercial Director, Sabella Tuula Maki, Product quality and Certification Manager, AW Energy +2 speakers TBC			
10:05 am - 10:30 am			
COFFEE BREAK			
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Let's work together in France Chair: Frédéric Lelarge , Industrial Manager, OpenHydro France // Nicolas Picard , Offshore Wind HR, EDF-EN Sylvain Guillou , Professor, University of Caen: Turbulence characterization at the Raz Blanchard tidal energy site. First results of the ANR-FEM project THYMOTE Frédéric Lelarge , Industrial Manager, OpenHydro France - Insight on Normandie Hydro Enedis - Connecting a tidal pilot farm the French grid	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Silent Springs: Interactions with the ocean world Chair: Arturo Troncoso , President, ADEMAR Achraf Drira , SINAY: Development of the submarine impulse noise register with propagation models for new and more significant indicators Emeline Pettex , Marine Biologist, Cohabys (Adera): Assessing consequences of acoustic disturbance on marine mammals: a decision-making tool for offshore windfarm mitigation. Cyril Giry , Oceanographer, Energie de la Lune: Underwater sound on wave & tidal test sites: improving knowledge of acoustic impact of Marine Energy Converters Bastien Taormina , PhD, France Energies Marines / IFREMER: Utilisation of underwater imagery to characterise the reef effect caused by submarine power cables	UNDERWATER Technologies getting wet: Tidal Chair: Yann-Hervé De Roeck , Managing Director, France Energies Marines Jean-François Simon , CEO, Hydroquest: Oceanquest: tidal turbine with double counter-rotating vertical axis Martin Edlund , CEO, Minesto: Producing affordable, renewable baseload power by flying subsea kites: Lesson learned from developing a novel marine energy converter adapted for low-flow streams André Pacheco , coordinator of the Marine Offshore Renewable Energy Team, University of Algarve: Lessons learned from E1 Evopod Tidal Energy Converter deployment at Ria Formosa, Portugal Pablo Mansilla , Manager, Magallanes: FIRST FULL SCALE TESTS OF THE FLOATING TIDAL PLATFORM MANUFACTURED BY MAGALLANES
11:55 am - 1:00 pm	MARKETS & OPPORTUNITIES Let's work together in Canada Chair: Elisa Obermann , Executive Director, Marine Renewables Canada Sandra Farwell , Director, Sustainable & Renewable Energy, Nova Scotia: Creating Regulatory Certainty: A Pathway to Success in Nova Scotia, Canada Andrew Younger , Author, public speaker & consultant: Public Engagement: A Toolkit for Achieving Strong Social License and Community Support Tony Wright , General Manager, Fundy FORCE: Tidal Energy Demonstration in Nova Scotia's Bay of Fundy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Big Data & Knowledge Management - Part 1 Chair: Paul Griffiths , Professor of Finance, EM Normandie Jon Lekube , Project Engineer, Basque Energy Agency: Big Data Management at Mutriku Wave Power Plant Nathalie Almonacid , MRE Guidelines and Transfer of Technology Coordinator, MERIC: Interactive map for MRE in Chile, a necessary tool for project development. Alessio Maglio , Project Manager, SINAY - The AIMS ocean Big-Data platform	
12:00 - 1:30 pm			
LUNCH			
1:00 pm - 1:30pm			
POSTER SESSION			
1:30 pm - 3:00 pm	MARKETS & OPPORTUNITIES Solutions for remote areas Chair: Ravindran Pallaniappan , Program Manager, ClassNK Narasimalu Srikanth , Professor, NTU: Hybrid Renewables Towards Energy Needs of Islands Neil Kermode , Managing Director, EMEC: Joining the dots – from tidal energy to a hydrogen economy Jon Hardwick , Associate Research Fellow, University of Exeter: Assessing the integration of intermittent tidal energy into a renewable energy solution for a remote island community James Donegan , Director of European Operations and Lead Electrical Engineer, Ocean Renewable Power Company: Early Adopter Market of Diesel Microgrid for ORPC's RivGen® Power System Blandine Battaglia , Project Engineer, Sabella: Pioneering tidal in stream project in San Bernardino Strait, Philippines	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Gear them up Chair: Pablo Ruiz Minguela , Head of Wave Energy, Tecnalia Maxime Bellorge , Project Sales Director, Akrocean: Ocean Data As a service Simon Cheeseman , Wave & Tidal Energy Specialist, ORE Catapult: Robotics & Artificial Intelligence to reduce costs of Operations & Maintenance Laurence Crosnier , Market Development Manager, Mercator Ocean: Copernicus Marine Service in support to oceanic energy resource evaluation, operations at sea and impact assessment for offshore ocean energy farms Bodhi Sarkar , Senior Engineer, EC-OG: Subsea Energy Diversification in the Marine Sector Encarni Medina-Lopez , Research Associate, University of Edinburgh: Application of DTOcean tools to the EnFAIT project	UNDERWATER Technologies getting wet, corroded and colonized Chair: Anne-Marie Grolleau , Naval Group Research Leonore Van Velzen , Research Associate, University of Edinburgh: Economic Opportunity Assessment of Anti-Corrosion Solutions for the Offshore Renewables Sector Pedro Vinagre , Research and Project Manager, WavEC: Database on biofouling characterisation for the ocean energy sector: a preliminary version Andrew Want , Research Associate, Heriot-Watt University: BioFREE: an international collaboration to assess the impacts of biofouling on the marine renewable energy industry Nolwenn Quillien , Research Fellow, France Energies Marines: Biofouling: a topic that results in the development of interdisciplinary teamwork skills for Marine Renewable Energies Cathy Frost , ALOCIT INTERNATIONAL LIMITED & A&E SYSTEMS LTD: Using Thermoplastics for Infrastructure Protection in Marine and other Challenging Environments
3:10 pm - 4:25 pm	MARKETS & OPPORTUNITIES Building the blocks of investability: Funding leverages and opportunities Chair: Chris Campbell , Strategic Advisor, Marine Renewables Canada Joao Cruz , Founder, Cruz Atcheson Consulting Engineers: Am I Investable? Nicolas Wallet , EU Programme Manager, EMEC: FORESEA and the funding jigsaw for technology deployment Andrew Smith , CEO, Déjà Blue Consulting Tim Ramsey , Project Officer, US Department of Energy Simon Robertson , Research Associate, Edinburgh University: Innovation policy pathways for the commercialisation of marine energy	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Plug them in Chair: Hamid Gualous , Director of the LUSAC laboratory, University of Caen Ibon Larrea , Industrial Engineer, DITRE: KONEKTA2: Open sea testing experience of an electrical connector for ocean energy devices Paulo Chainho , Project Manager, WavEC: Dynamic cable design tools for Ocean Energy Converters Johannes Hüffmeier , Research Institute of Sweden: Dynamic Cable Design, Reliability and Efficiency Romain Migne , Project Manager, RTE: RTE's ongoing R&D work to implement what would be a technological breakthrough to connect tidal energy & floating wind farms: a High Voltage Subsea Substation	UNDERWATER Technologies getting wet: Wave (part 1) Chair: Yago Torre-Enciso , Technical Director, BIMEP Luis Gato , Associate Professor, University of Lisbon: Test Results of a 30 kW Self-rectifying Biradial Air Turbine-Generator Prototype Andrés Sánchez Nieto , Researcher, Wedge Global: Improving W1 +2 speakers to be confirmed
4:25 pm - 4:45 pm			
COFFEE BREAK			
4:45 pm - 6:00 pm	MARKETS & OPPORTUNITIES Building the blocks of investability: Rising the level of confidence Chair: Jonathan Colby , chair of IEC TC114 Peter Schejgrod , Ocean Energy Specialist, Dutch Marine Energy: Advancing IEC standardization and certification for tidal energy converters Olivier Benyessaad , Subsea and Ocean Energy Market Leader and Nicolas Larivière-Gillet , Bureau Veritas: Certification Schemes for Marine Renewable Energy Technologies & Tidal & River Energy Converters Power Curve Assessment: a standard protocol derived from IEC 62600 - 200 David Crooks , Research Associate, University of Edinburgh: How sensitive is WEC LCOE to key project decisions?	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Turn them on Chair: AbuBakr S. Bahaj , Professor, University of Southampton Nick Baker , Senior Lecturer, Electrical Power Research Group, Newcastle University: All Electric Drivetrain for Wave Energy Converters & C-GEN, a Direct Drive Generator for Marine Renewables Frederic Mosca , CEO, Pytheas Technology: Innovative modular piezoelectric Power Take Off for renewable energies Francisco Garcia Lorenzo , CEO, Wedge Global: SEA-TITAN: Surging energy absorption through increasing thrust and efficiency Giacomo Politi , PhD, Trinity College Dublin: Nonlinear Model Predictive Control for WRAM Device	UNDERWATER Technologies getting wet: Wave (part 2) Chair: Ana Brito e Melo , Executive Director, WavEC Patrik Möller , CEO, CorPower Ocean: High efficiency wave technology - The Power of Resonance Michael Henriksen , CEO & Martin von Bülow , CTO, Wavestron: Experience and results from the Wavestron Prototype in the North Sea Jon Lekube , Project Engineer, Basque Energy Agency: Fatigue and Aerodynamic Loss in Well Turbines: Mutriku Wave Power Plant Case Tom Dennis , CEO, Wave Swell Energy: Comparison of the LCOE of a Unidirectional OWC Technology in Different Water Depths

Markets & opportunities

Technics supporting ocean energy uptake

Underwater

THURSDAY - JUNE 14TH			
8:30 am - 8:50 am	WELCOME COFFEE		
8:50 am - 10:05 am	PLENARY SESSION - AUDITORIUM 1 Keynote : Karmenu Vella , European Commissioner for Maritime Affairs and Fisheries Chair : Jose Luis Villate , Offshore Renewable Energy Director, TECNALIA Tim Cornelius , CEO, Atlantis Laurent Schneider-Maunoury , CEO, Naval Energies + 2 speakers TBC		
10:05 am - 10:30 am	COFFEE BREAK		
10:30 am - 11:45 am	MARKETS & OPPORTUNITIES Building the blocks of investability: market supports Chair: Bruce Cameron , Envigour Policy Consulting Michael Abundo , Director, OceanPixel Bruce Cameron , Envigour Policy Consulting, Mark Leybourne , Associate Director, ITPEnergised Pannel Discussion: Cameron Smith , Director of Public Affairs & Business Development at Atlantis Resources Ltd; Jason Hayman , Managing Director at Sustainable Marine Energy Ltd Emmanuel Brochard , Development Director, OpenHydro	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Tools for the industry: Build them up Chair: Grégory Pinon , Associate Professor, University of Le Havre Per Salomonsson , Senior Consultant, Midroc Project Management & Ana Novak Zdravkovic , Project Manager, Engie Laborelec: Concept array design for tidal kite power generators Cristian Escauriaza , Principal Investigator, MERIC: Numerical Simulations and Experiments of Wake Interactions in Tidal Turbines Dean Steinke , Dynamic Systems Analysis Ltd, Understanding the potential for VIV of cables and moorings in tidal environments Felix Gorintin , Head of MRE Market Advisory and Strategy, INNOSEA: Probabilistic approach and tool validation for tidal commercial scale O&M	UNDERWATER Updates from test sites Chair: Oliver Wragg , Commercial Director, EMEC Burke Hales , Project PI, Northwest National Marine Energy Centre: Introducing the Pacific Marine Energy Center's Wave Energy Test Site Marlene Kiernowski , Development Manager, SEEEOH Tidal Test Site: a feedback from SEEEOH tidal test site after its first year of operation Yago Torre-Enciso , Technical Director, BIMEP: Good practices to apply when preparing sea trials under the test site perspective Patrick Cross , Program Manager, Hawai Natural Energy Institute: Update from the U.S Navy Wave Energy Test Site – Projects in the Water
11:55 am - 1:00 pm	MARKETS & OPPORTUNITIES The future of WEC Chair: To be confirmed Remy Pascal , Project Manager, INNOSEA: The right size for a WEC: a study on the consequences of the primary WEC design choice. Erik Friis-Madsen , CEO, Wave Dragon: "Small is beautiful" - but will small WECs ever become commercial? Anna Garcia-Teruel , PhD, University of Edinburgh: Wave Energy Converter geometry design for reduced LCOE Ambrose Wattez , Business Development Manager, SBM Offshore: The future of wave energy is flexible with distributed PTO – or how to get below 50€/MWh	TECHNICS SUPPORTING OCEAN ENERGY UPTAKE Big Data & Knowledge Management - Part 2 Chair: Regis Leng , Monitoring & IoT Program Manager, RTE Andrea Copping , Program Manager, Pacific Northwest National Laboratory: Potential Environmental Effects of Marine Renewable Energy Devices: Progressing though Data Transferability and Data Collection Consistency Gerry Sutton , Senior Research Fellow, MaREI: MARINERG-i : Uniting Test Centers to Achieve Common Goals in the Development of Offshore Renewable Energy Sheila Paterson , COO, Centre for Ocean Venture and Entrepreneurship: Ocean Technology Solutions for Ocean Energy, Finding Common Ground in the Learnings and Challenges Faced across all Ocean Industries Paul Griffiths , Professor of Finance, EMNormandie: Marine Energy Knowledge Network: Propelling Marine Energy to the next level	UNDERWATER Combining Solutions for a Wider Market Chair: Marc Le Boulluec , Engineer, Ifremer Edwin Schouten , Managing Director, Blue Motion Energy: Blue Motion Energy: Energy from waves, tides and wind with one turbine Gordon Dalton , Economics Engineer Marine Ocean Renewable Energy, MaREI: Techno-economic assessment of 3 Maribe BlueGrowth multiple-use of space and multi-use platform projects Jean-Luc Longeroche , CEO, GEPS Techno: Multi-energy platforms and upcoming projects
	Markets & opportunities	Technics supporting ocean energy uptake	Underwater
1:10 pm - 1:30 pm	CLOSURE Ocean Energy Systems: Poster Prize award ICOE2018's Executive Committee & Bluesign: Wrap up and closure		
2:30 pm-5 pm	TECHNICAL VISITS Port of Cherbourg, infrastructures and factories Baie d'Ecalgrain with Enedis & MRCC Jobourg		