



Day 1		Speaker	Subject Area
08:45 – 09:00	15	AWATEA Chairman	Welcome and Introductions
New Zealand's Place in the World			
09:00 – 09:15	15	Mike Underhill EECA Chief Executive, Wellington	Role of Marine Energy in the Wider Energy Mix for New Zealand
09:15 – 09:30	15	Nick Eldred AWATEA Chairman, Christchurch	State of Marine Energy in New Zealand
09:30 - 10:10	40	Robert West Ocean Energy Institute, Maine, USA	Keynote Speaker: Ocean Energy Institute: A Model for Renewable Energy R & D and Investment
10:10 – 10:30	20	Craig Stevens NIWA research scientist, Wellington	Marine Energy Environmental Impacts
10:30 – 10:50	20	John Huckerby AWATEA International, Wellington	Marine Energy Resource Allocation Regimes: does New Zealand need one?
10:50 – 11:10	20	Morning Coffee	
Modelling as a Career			
11:10 – 11:30	20	Paul Young Student, Univ. of Otago, Dunedin	Coupled Wave Energy Point Absorbers
11:30 – 11:50	20	Tim Divett NIWA/Univ. of Otago, Wellington	Modelling Individual Tidal Stream Turbines in Arrays with Channel-scale Models
11:50 – 12:10	20	David Plew NIWA research scientist, Christchurch	Flow Modification in a Branching Channel due to Tidal Stream Energy Converters
12:10 – 12:30	20	Ross Vennell Lecturer, Univ. of Otago, Dunedin	Diminishing Returns and Optimal Arrangements for Tidal Turbines in a Channel
12:30 – 13:30	60	Lunch	
Testing the Waters			
13:30 – 14:00	30	Richard Morris Commercial Director, EMEC, UK	Keynote Speaker: The European Marine Energy Centre – What Next?
14:00 – 14:30	30	Tim Finnigan CEO, BioPower Systems, Sydney	Technical Development and Commercial Prospects for bioWAVE and bioSTREAM
14:30 – 14:50	20	Lan Lengoc IRL research engineer, Christchurch	Wave Energy Technology - New Zealand: Realising Multi-mode Wave Energy Extraction
14:50 – 15:10	20	Anthony Hopkins Director, Crest Energy, Auckland	Environmental Issues and the Crest Energy Project
15:10 – 15:40	30	Afternoon Tea	
The Wider Picture			
15:40 – 16:00	20	Dougal Fergus NZ Diving and Salvage, Wellington	Welcome to the Reality of a Construction Diver's World
16:00 – 16:20	20	Aruna Seneviratne Engineer, Black & Veatch, Melbourne	Assessing Marine Energy Converters and Projects: Lessons for Investors & Developers
16:20 – 16:40	20	Peter Apperley Comm. Devt. Mgr, Meridian Energy	Projects, Partnerships and Pitfalls
Panel Discussion – Avoiding the 'Valley of Death'			
16:40 - 17:30	50	Chris Laidlaw, Facilitator	Avoiding the 'Valley of Death'



Day 2		Speaker	Subject Area
08:45 – 09:00	15	Dr. John Huckerby Chairman, OES-IA	Welcome and Introductions
09:00 - 09:15	15	Kerry Prendergast Mayor of Wellington	<i>Welcome Address</i>
Marine Energy in New Zealand: Update on Active Projects			
09:15 – 09:30	15	Anthony Hopkins	Crest Energy
09:30 – 09:45	15	John Huckerby	Wave Energy Technology – New Zealand
09:45 – 10:00	15	Anthony Bellvé	Energy Pacifica
10:00 – 10:15	15	Garry Venus	Chatham Islands Marine Energy
10:15 – 11:00	45	<i>Morning Coffee</i>	
International Developments in Marine Energy: Scandinavia and NW Europe			
11:00 – 11:20	20	Dr. Kim Nielsen Ramboll, Denmark	Marine Energy Activities in Denmark
11:20 – 11:40	20	Mr. Harald Rikheim Statkraft, Oslo	Marine Energy Activities in Norway
11:40 – 12:00	20	Ms. Susanna Widstrand SEA, Stockholm	Marine Energy Activities in Sweden
12:00 – 12:20	20	Dr. Henry Jeffrey Edinburgh University	Marine Energy Activities in the United Kingdom
12:20 – 12:40	20	Mr. Eoin Sweeney Sustainable Energy Ireland	Marine Energy Activities in Ireland
<i>12:40 – 13:30</i>	<i>50</i>	<i>Lunch</i>	
International Developments in Marine Energy: Europe and the New World			
13:30 – 13:50	20	Dr. Jochen Bard Fraunhofer IWES, Germany	Marine Energy Activities in Germany
13:50 - 14:10	20	Dr. Ana Brito Melo Wave Energy Centre, Portugal	Marine Energy Activities in Portugal
14:10 – 14:30	20	Mr. Jose Luis Villate TECNALIA, Spain	Marine Energy Activities in Spain
14:30 – 14:50	20	Ms. Melanie Nadeau Natural Resources Canada	Marine Energy Activities in Canada
14:50 – 15:10	20	Mr. Alejandro Moreno US Dept. of Energy	Marine Energy Activities in the United States
15:10 – 15:40	30	<i>Afternoon Tea</i>	
International Developments in Marine Energy: South Africa and the Pacific			
15:40 – 16:00	20	Ms. Thembakazi Mail SANERI, South Africa	Marine Energy Activities in South Africa
16:00 – 16:20	20	Dr. Tim Finnigan BioPower Systems, Sydney	Marine Energy Activities in Australia
16:20 – 16:40	20	Mr. Keyyong Hong KORDI, Seoul	Marine Energy Activities in Korea
16:40 – 17:00	20	Mr. Dengmen Xia NOTC, Tianjing	Marine Energy Activities in China

Day 2	Speaker	Subject Area
Continued...		
Panel Discussion		
17:00 - 17:45	45 Dr. John Huckerby <i>Chairman, OES-IA</i>	Questions submitted by audience ballot to members of OES-IA Executive Committee
<i>17:45 – 18:45</i>	<i>60 Drinks (subject to sponsorship)</i>	