

The color		Tuesday September 5						
Part	08:00-09:00		(Main Hall)					08:00-09:00
Part	09:00.10:30				138 144	Analysis of Matriku's OWC performance Successful innovation strategies to overcome the technical challenges in the development of wave energy technologies	Isabel Casas Pablo Ruiz-Minguela	09:00-09:15 09:15-09:30 09:30-09:45
18-0-1					176	Relevance of Robustness and Uncertainties Analysis in the Optimal Design of Wave Energy Converters Tuning Wave Energy Converters to local wave conditions	Filippo Giorcelli Wilson Guachamin-Acero	09:45-10:00 10:00-10:15
# 100 100 100 100 100 100 100 100 100 10					166	Intracycle Active Blade Pitch Control for Cross-Flow Tidal Turbines Using Embedded Electric Drive Systems	Zhao Zhao	10:15-10:30 09:00-09:15 09:15-09:30
# 1840 전 # 1			Tidal device development	Stephanie Ordoñez-Sanchez	231	Non-dimensional scaling of passive adaptive blades for a marine current turbine	Katherine Van Ness	09:30-09:45 09:45-10:00
19-14-1-1					617	Leveraging Explainable Artificial Intelligence for Real-time Detection of Tidal Blade Damage	Muslim Jameel Syed	10:00-10:15 10:15-10:30
# 18-14					321	A hybrid linear potential flow - machine learning model for enhanced prediction of WEC performance	Claes Eskilsson	09:00-09:15 09:15-09:30
13-9-14-			Wave hydrodynamic modelling	Gareth Tomas	-		Yu Gao Alejandro Crespo	09:45-10:00 10:00-10:15
Part				Tim O'Doherty	503	Large-eddy simulations of interaction between surface waves and a tidal turbine wake in a turbulent channel		10:15-10:30 09:00-09:15
19-14-1-					218	High-fidelity modeling of a vertical axis tidal turbine model under realistic flow conditions	Mikaël Grondeau	09:15-09:30 09:30-09:45 09:45-10:00
Part					_			10:00-10:15
Page	10:30-11:00		Room /Track		Paper ID	Title		10:30-11:00
10-2-1			Baroia/	Claes Eskilsson	169	Wave Energy Power Take-off Validation with a Hydraulicly Actuated Rotary Dynamometer and a Bi-directional High-power DC Supply: Methods for validating wave energy converters' mechanical and electrical power conversion systems	Casey Nichols	11:00-11:15
Part			Wave device development		293	Wave energy converter power take-off characterization: comparing dynamometer and field data	Curtis Rusch	11:45-12:00 12:00-12:15
13-2-1-40 Paris					499	HAP/GYM: Two Rapid Prototyping Environments for Wave Energy Control	Alexandra Price	12:15-12:30 11:00-11:15
13-0-1-20 Paris			Tidal device development	Alberto Peña	203	Experimental techniques for evaluating the performance of high-blockage cross-flow turbine arrays	Aidan Hunt	11:15-11:30 11:30-11:45
14.0-11-20 Part P	11.00-12.30				322	Experimental flow conditions effects on a bottom-mounted ducted twin vertical axis tidal turbine compared to real sea conditions	Martin Moreau	11:45-12:00 12:00-12:15 12:15-12:30
12-25-1400 Part P	11.00-12.30	presentations			496		Thiago Saksanian Hallak Payam Aboutalebi	11:00-11:15
1-1			Wave hydrodynamic		383		Brittany Lydon	11:30-11:45 11:45-12:00
12-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-					460	Numerical and Experimental Characterization of Rotational Floating Sody Diag. A development and validation of the it-house hydrodynamics code and the DNV software for TALOS were energy conventer.	Bryson Robertson Wanan Sheng	12:00-12:15 12:15-12:30
10.0 1.0					442	High-fidelity modelling of a six-turbine tidal array in the Shetlands	Pablo Ouro	11:00-11:15
12-20-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-					505	On the accuracy of BEMT and CFD on the power and trust prediction of tidal turbines	Yabin Liu	11:45-12:00
								12:15-12:30
14-00-15-00	12:30-14:00	(Terrace and Chillida room)						
No. 1-20 1			Baroja/ Wave device development		242	Experimental Investigation into the Air Compressibility Scaling Effect on OWC Performance and Wave Height	André F.L. Governo	14:00-14:15 14:15-14:30
1-1-2-					260	Numerical performance assessment of a new wave energy conversion system	André F. L. Governo	14:30-14:45 14:45-15:00
14-00-15-20					268	Design of an integrated generator and heaving buoy	Nick Baker	15:00-15:15 15:15-15:30
Analysis desirated of the Security Control Con			Tidal device development	Daniel Coles	366	A two-scale blockage correction for an array of tidal turbines	Daniel Dehtyriov	14:00-14:15 14:15-14:30
Parameter and the presentations of the presentation of the present								14:45-15:00
Authority (1997) Fig. 1997 Fig.	14:00-15:30			Sara Russo	164		Jiahn-Homg Chen	15:15-15:30 14:00-14:15
15:30-16:00 Technology Performance Level & Chairman Freyor D Selection Selection			Arriaga/ Wave hydrodynamic modelling		198	Semi-analytical and CFD formulations of a spherical floater	Spyridon Zafeiris	14:15-14:30
ObtaTrially globolymans (Albalian Balta) ObtaTrially globolymans (Albal					333	A multiquery analysis of a PeWEC farm	Beatrice Battisti	15:00-15:15 15:15-15:30
Achdard Bally 222 Section Framework for the same times decreased of the contract for the formation under Consistent 231 Assembly in supplier the sequence of the contract formation and the same times decreased in the same times 331 Assembly in supplier the sequence of the contract formation and the same times 332 Assembly in supplier the sequence of the same times decreased in the same times 333 Assembly in supplier the same times and the same times 334 Assembly in supplier the same times 335 Assembly in supplier the same times 336 Assembly in supplier the same times 336 Assembly in supplier the same times 337 Assembly in supplier the same times 338 Assembly in supplier the same times 339 Assembly in supplier the same times 330 Assembly in supplier the same times times 330 Assembly in supplier the same times times 330 Assembly in supplier the same times times 330 Assembly in supplier to same energy remains 330			Oteiza/Tida1 hydrodynamic modelling		676	Development of a modified BEMT model for the analysis of helical bladed vertical axis tidal turbines		14:00-14:15 14:15-14:30
Science Part					252	Objective Functions for the Blade Shape Optimisation of a Cross-Flow Tidal Turbine under Constraints	Karla Ruiz-Hussmann	14:30-14:45 14:45-15:00
MixelenaSide event 4 SafeWAVE project (by AZTI / WavEC) 16:00-17:30 Side events BarrigiSide event 5 Technology Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM.) 16:00-17 Arriage/Side event 6 NEMMO Project, On the Cutting Edge of Tidal Blade Design and Materials (by Ocean Energy Europe) 16:00-17 Tale Room ffrack Chairman Page 70 Side Side events Room ffrack Chairman Page 70 Side events Tale Presenter 3:13 Side Side Side Side event 6 Room ffrack Chairman Page 70 Side Side Side Side Side Side Side Side	15:30.46:00				501	A methodology to capture the single blade loads on a cross-flow tidal turbine flume model		15:00-15:15 15:15-15:30 15:30-16:00
16:00-17:30 Side events Room // Track Room // Track Chairman Paper ID Title Presenter 318 A Novel Hydrol Floring Edge of Title! Blidde Design and Materials (by Ocean Energy Europe) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 16:00-17 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-) 17:30-19:00 Performance Level Assessment (TPL		Side events	Mitxelena/Side event 4					
Room Frack Chairman Paper ID San Russ Tribu Bargai Wave divise development and testing Lus Gato Title	16:00-17:30							
Room Track Chairman Paper D A Room India Bangal Wave device development and testing Wave by development Make by device development Make by device development Make by development Make b			Baroja/Side event 5	Technology Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-)				16:00-17:30
Room Track Chairman Paper D A Room India Bangal Wave device development and testing Wave by development Make by device development Make by device development Make by development Make b								
17:30-19:00			Arriaga/Side event 6		NEMMO	Project, On the Cutting Edge of Tidal Blade Design and Materials (by Ocean Energy Europ	e)	16:00-17:30
Second Companies List Got Second Companies List Got Second Companies List Got Second Companies List Got Second Companies Secon			Baroja/ Wave device development					17:30-17:45
274 Management of Data Companies Andreas Acidation 18:15-11					555	Origami-adapted claim design for wave energy convension The Geometrical Design of the L-shaped Oscillating Water Column Using Artificial Neural Network	Chen-Chou Lin	17:45-18:00 18:00-18:15
17:30-19:00 Oral					516	Reliability and Cost Assessment of Critical Components: Electrical generator failure of IDOM wave energy converter	Julia Fernandez Chozas	18:15-18:30 18:30-18:45
17:30-19:00 Presentations Arringal Presentations Arringal Patio Riuz-Minguels Tably hydrodynamic modeling Patio Riuz-Minguels Technical Information Technical Information Environ Technical Information Environ Social Technical Social Social Technical Social Technical Social Social Technical Social So			Arriaga/ Wave hydrodynamic modelling	Jesús M. Elanco	355	Numerical investigation of a new hybrid floating wind turbine concept	Beatrice Fenu Mahdiyeh Farajvand	18:45-19:00 17:30-17:45 17:45-18:00
A72 Associations Are Expendenced Pulsage Demonstration of Local Conference 18:30-11	17:30-19:00	Oral presentations			379	An overview of an experimental campaign for arrays of wave energy conversion systems	Nicolas Faedo	18:00-18:15 18:15-18:30
AS\$ Disease					474	HydroChonol. An Open-Goerce HydroCynamics Package for Project Chronic Northware hydroCynamics of a heaving sphere in offloriton, ordistion, and combined basis	Jana Orszaghova	18:30-18:45 18:45-19:00
Tabla Mydrodynamic modelling Pablo Ruiz-Minguela 316 Verification and validation of bladde equived viscous first letal buttons strutations Manual Remarksher 15:15-1 544 Comparison of Actuator Line Modelling of Toda Power Class with ADCP Measurements Normal Probabilist 19:00-20:00 Technical programme Ethusyar Technical Committee meeting 19:00-27:00 Social Track Directors Direct			Oteiza/	Pablo Ruiz-Minguela	464	Characterisation of turbulent flow and the wake of a tidal stream turbine in proximity to a ridge	Sulaiman Hurubi	17:30-17:45 17:45-18:00 18:00-18:15
19:00-20:00 Technical programm Ehwyar Technical Committee meeting 19:00-20:00 20:00.22:00 Social Track Directors Direct			Tidal hydrodynamic modelling		316	Verification and validation of blade-resolved viscous-flow tidal turbine simulations	Manuel Rentschler	18:00-18:15 18:15-18:30 18:30-18:45
20-00.22-00 Social Track Directors Direct	19:00-20:00		Elhuyar					18:45-19:00 19:00-20:00
20:00-22:000 programme rack Directors Difference rack Difference rack Directors Difference rack Difference rack Directors Difference rack Difference rack Directors Difference rack Difference rack Directors Difference rack Difference rack Directors Difference rack Difference rack Directors Difference rack Directors Difference rac	20:00-22:00	Social				Track Directors Dinner		20:00-22:00