

Thursday September 7						
08:00-09:00	Registration (Main Hall)					08:00-09:00
09:00-10:30	Oral presentations	Room /Track	Chairman	Paper ID	Title	Presenter
		Laboa/ Grid integration, power take-off and control	Joao Henriques	472	A time domain approach for the optimal control of wave energy converter arrays	Mohamed Shabara
				493	Optimisation of Air turbines for OWC Wave Energy Converters: Sensitivity of Realistic Wave Climates	Ander Zarketa-Astigarra
				500	Integrated hydrodynamic-electrical hardware model for wave energy conversion with MM ocean demonstrator	Judith Apsley
				409	On data-based control-oriented modelling applications in wave energy systems	Edoardo Pasta
				592	The Performance evaluation of 30kW class OWC wave power plant integrated with breakwater	Kilwom Kim
				161	Investigation on the extreme peak mooring force distribution of a point absorber wave energy	Zahra Shahroozi
		Arriaga/ Wave resource characterization	Pasquale Contestabile	140	Analysis of the North Atlantic offshore energy flux from different reanalysis and hindcasts	Matias Alday
				175	Wave Spectral Analysis for designing Wave Energy Converters	Jesus Portilla-Yandun
				275	Long term wave load trends against offshore monopile structures: A case study in the Bay of Biscay	Nahia Martinez-Irujo
				279	Numerical modelling of wave and tidal current interactions and their impact on wave parameters	Tian Tan
				205	On the errors in annual energy yield estimation due to monodirectional wave spectra assumption	Giulia Cervelli
				305	Validation of ERA5 Wave Energy Flux through Sakov diagram in Spain (2005-2014)	Jon Saez
		Oteiza/ Economic, social, legal and political aspects of ocean energy	Pablo Ruiz-Minguela	154	Do recent renewable energy policy changes in Ireland satisfy the requirements of a nascent wave energy technology development sector?	Carrie Anne Barry
				157	Integration of wave energy into Energy Systems: an insight to the system dynamics and ways forward	George Lavidas
				306	Can Risk-Based Approaches benefit future Marine Renewable Energy deployment, planning and consenting processes?	Emma Verling
				351	Towards increased social acceptability of marine renewable energy	Niall P. Dunphy
				362	Environmental Effects of MRE: Advancing the Industry through Broad Outreach and Engagement	Mikaela Freeman
				397	Informing development of a socioeconomic data collection toolkit for marine energy: a literature review	Deborah Rose
10:30-11:00	Refreshments, networking & posters exhibition (Terrace and Chillida room)					10:30-11:00
11:00-12:30	Oral presentations	Room /Track	Chairman	Paper ID	Title	Presenter
		Baroja/ Wave device development and testing	Urko Izquierdo	453	The Impact of Uncertainty on the Control of a Multi-Axis Wave Energy Converter	Carrie Hall
				531	Spectral control co-design of wave energy converter array layout	Yeraí Peña-Sánchez
				548	A new seawater low-head turbine for the OBREC	Pasquale Contestabile
				549	Experimental investigation on the hydrodynamic performance of a pile-supported OWC-type breakwater	Yusuf Almalki
				661	Weight Reduction Methodologies for Wave Energy Devices: A Structural Analysis Approach	Michael O'Shea
		Laboa/ Grid integration, power take-off and control	Eider Robles	215	Wave Farms Integration in a 100% renewable isolated small power system -frequency stability and grid compliance analysis	Marcos Blanco
				309	Wave-to-Wire Control of an Oscillating Water Column Wave Energy System Equipped with a Wells Turbine	Marco Rosati
				510	Maximizing Wave Energy Converter Power Extraction by Utilizing a Variable Negative Stiffness Magnetic Spring	Jeff T. Grasberger
				561	Development of control strategies for novel systems of a full scale OWC for the WEDUSEA project	James Kelly
				346	Enhancing energy system resilience using tidal stream energy	Danny Coles
		Arriaga/ Wave resource characterization	Jesús M. Blanco	551	Analysis of Ocean Energy Integration in Ibero-American Electric Grids	Marcos Lafoz
				529	Impact of Resource Uncertainties on the Design of Wave Energy Converters	Markel Peñaalba
				539	Discussions on Wave energy period in higher wave energy potential marine waters of Taiwan	Shiaw-Yih Tang
				159	Internal waves: A potentially untapped marine energy resource	Kastubha Raghukumar
				197	Feasibility of wave energy harvesting in the Ligurian Sea	Manuel Corrales-González
		Oteiza/ Economic, social, legal and political aspects of ocean energy	Peter Frigaard	378	Identification of optimal sites for the deployment of wave energy converters: the importance of a technology-centred approach	Ricardo Novo
				558	Operating and Extreme weather conditions for testing Offshore Devices at Marine Renewable Energy Lab (MaRELab)	Pasquale Contestabile
				398	Techno-economic analysis of marine hybrid clusters in two potential Latin American markets	Emilian Gorr-Pozzi
				399	Techno-economic Optimization of an Offshore Hybrid Power System: Mid-Atlantic Shelf Break Case Study	Sarah Palmer
				452	Ensuring Resilience in Ocean Energy Power Plants: A Survey of Cybersecurity Measures	Thailita Nazare
12:30-14:00	Lunch & posters exhibition (Terrace and Chillida room)					12:30-14:00
	Oral presentations	Room /Track	Chairman	Paper ID	Title	Presenter
		Baroja/ Wave device development and testing	Tony Lewis	350	Performance enhancement of pitching WECs via oscillating water columns technology	Marco Fontana
				357	Numerical investigation of the energy performance of a wave energy converter comprising a multi-body power take-off	Félix Elefant
				395	Hybrid wind-wave systems: The case of the VoltumUS-S semi-submersible platform	Maximilian Hengstmann
				439	Analysis of the viability of a radial Double Decker Turbine for application in Oscillating Water Column devices	p Vega-Valladares
				445	An Early Design Phase Method for Characterizing and Comparing Wave Energy Converter Archetypes	Aeron Roach
		Arriaga/ Wave energy	Jose L. Villate	564	Upsampling wave temporal resolution: Investigating wave parameters and the influence on WEC power performance	Hannah Mankle
				619	On spatial interpolation of ocean energy source variables: A comparative analysis	Leonardo Gambarelli
				584	Numerical Study on Overlapping Performance of Multi-stage Overlapping Wave Energy Converters	Guoliang Zhang
				475	The application of temporal gating in the measurement of response amplitude operators	Ben Cazzolato
				310	Analysis of the impact of floater interactions on the power extraction of a dense WEC array with adaptable nonlinear PTD	Alva Bechlenberg
		Oteiza/ Economic, social, legal and political aspects of ocean energy	James Benhin	507	Ocean Energy: Markets – Currency – Impact: Dimension of & Choices in the Technology Development Space	Jochem Weber
				223	Using human-centered design to develop a national research landscape for marine energy in the United States	Samantha Quinn
				385	Choosing Wave Energy Devices for Community Led Marine Energy Development	Molly Grear
				368	A Socioeconomic, Environmental, and Regulatory Assessment for Current Energy Converter Technologies	Dominic Forbush
				413	Floating wind and wave energy technologies: applications, synergies and role in decarbonisation in Portugal	Craig White
15:40-16:15	Closing ceremony	Mixelena Auditorium	Jesús M. Blanco	Local Committee	15:40-15:45	
			Jose L. Villate	Local Committee	15:45-15:50	
			Iñigo Ansola	Chair EVE	15:50-15:55	
			Bruce Cameron	Chair PAMEC 2024	15:55-16:00	
			C H Jo	Chair AWTEC 2024	16:00-16:05	
			Cameron Johnstone	EWTEC Executive Board	16:05-16:10	
		Luis Gato	IST Lisbon (Chair of EWTEC25)	16:10-16:15		
16:30-20:30	Social programme	Technical visits: Option 1: MUTRIKU Option 2: BIMEP				16:30-20:30
21:00-22:30	Technical programme	(Executive Board Meeting and Dinner)				21:00-22:30