

			En	ergy Conte	Tuesday September 5		1
3:00-09:00	(Mail Tall)						08:00-0
09:00-10:30	Oral presentations	Room //Track Baroja/ Wave device development and testing	Chairman Diego Vicinanza	Paper ID 138 144 266 352	Title Analysis of MacRus (DVC) performance Successful innovation transges to svenome the technical dualenges in the development of seve energy technologies Squallat Country of even energy technologies Squallat Country of even energy technologies Reputation of the country of two energy committees The country of the country of two energy committees The country of the co	Presenter Isabel Casas Pablo Ruiz-Minguela Robert Mayon Filippo Giorcelli	09:00-0 09:15-0 09:30-0 09:45-1
		Labos/ Tidal device development and testing	Stephanie Ordofiez-Sanchez	176 466 166 209 231	Turing West Energy Convention to boat were conditions Coulding the Content Insurance of Phages with Research Settine Energy Intercepts Action Blade Plant Control for Clear Plant Tuthers Using Schoolded Electric Drike Systems Nameuric organisation of the action bit subdiess using Openification or covers method Nameuric organisation of tractice deplies of books for a more counter before	Wilson Guachamin-Acero Mathew Topper Zhao Zhao Ban Robin Katherine Van Ness	10:00-1 10:15-1 09:00-0 09:15-0
				264 343 317	Optimal Design of a Submerged Tidal Device for Low Current Emisorment Designing Vortex Connectators for Tidal Tudene Blades Vortication and Sublishin of Municipalities — A fine Emission has but for modeling record MET Gr	Seoung-won Jeong George Papadakis Johannes Palm	09:45-1 10:00-1 10:15-1 09:00-0
		Arriaga/ Wave hydrodynamic modelling	Gareth Tomas	321 476 145 158	A fight that potential than making moved to animated products of MCP parliments Design from an inflation of the Mission or service design of the Mission of	Class Eskilsson Cristine Lynggard Hansen Alejandro Crespo Jeong-Seok Kim	09:15-0 09:30-0 09:45-1 10:00-1 10:15-1
		Oteiza/Tidal hydrodynamic modelling	Tim O'Doherty	503 195 218 307 367	Angle of the principles of interaction between uniform waves and a statutionies water in a behalved channel Assistant Lear OT Behalved and "Establishments" an Company and the principles of the principles of a ventual as total behave model under realists. Now conditions playshing on the principles of a ventual as total behave repetition in a behalved total few Specified and only generation and modeling of further operation in a behalved total few And poin statist down of the controlled entire of controlled and wave stating detailed the OTD sensitions.	Tim Stallard David Apsley Mikaël Grondeau Francesco Salvatore Federico Zilic de Arcos	09:00-0 09:15-0 09:30-0 09:45-1 10:00-1
:30-11:00					impact of lateral turbine spacing on the performance of a multi-rotor tidal energy device networking & posters exhibition (Terrace and Chillida room)	Bryn Townley	10:15-1 10:30-1
11:00-12:30	Oral presentations	Room /Track Baroja/ Wave device development and testing	Chairman Claes Eskilsson	167 169 212	Title Experimental evaluation of phase and velocity control for a cycloriotir wave energy conveiter New Except Power Talls of Waldation with a Hydraulicity Actualised Relately Operamentate and a Bi-directional High-power DC Charge. Melhoot for validating wave energy convertions metal-annual and existing power conversion systems. A Removable evaluation gave annual process to steady process.	Presenter Andrei Ermakov Casey Nichols Pedro Lomonaco	11:00-1 11:15-1 11:30-1
				293 448 499 285	Nove energy conventer power take off characterization, companing dynamometer and field data. Listing the available presentate power in a U-ONC AMOUTHET The Rigid Personguing Environments for Wolve Energy Control A methodology for developing a prediction model for the semanting stages life and resolved strongth of tital further blacks	Curtis Rusch Joao Henriques Alexandra Price Tenis Ranjan Munaweera Thanthirige	11:45-1 12:00-1 12:15-1 11:00-1
		Laboa/ Tidal device development and testing	Alberto Peña	177 203 277 322	Multi-Actustor Put-Goale Padigue Tred of a Total Black Experimental schoolings for evaluating the performance of high-blockage cross-flow hubbins arrays Chernolities from structural testing of hid-docals total hubbins believe Experimental for continuous effects on a bottom recorded ducket him vertical and total hubbins compared to sell are conditions	Sergio Lopez Dubon Aldan Hunt William Finnegan Martin Moreau	11:15-1 11:30-1 11:45-1 12:00-1
		Arriaga/		498 496 628 626	Experienced comparison of the Strandoused hashing between a dicitor's bottom-monitor's selected and total history at all and an undecided profession of three Parties Reviews on Contract Parties Parties. Describe Strandouse of Strandouse Parties of the Strandouse	Saouli Thiago Saksanian Hallak Payam Aboutalebi Claudio Sandoval	12:15- 11:00- 11:15- 11:30-
		Wave hydrodynamic modelling	Markel Peñalba	383 392 460 416	Notinear VEC modeling using Space Identification of horizonar Dysamica (ShDy) Nomenical and Experimental Commissionation of Relationar Plansing Bloky Drug All submission of Experimental Commissionation of Relationar Plansing Bloky and the Share Short	Brittany Lydon Bryson Robertson David Ogden	11:45- 12:00- 12:15- 11:00-
		Oteiza/Tidal hydrodynamic modelling		442 454 505	High-Robilly modelling of a six-busine titid array in the Shetlands instabilities in titid further wakes On the accuracy of BEMT and CPTO on the power and trust prediction of tidal turbines	Mikol Pucci Pablo Ouro Anna Young Ignazio Maria Viola	11:15- 11:30- 11:45- 12:00-
:30-14:00				506 544	The performance of counter-rocking light hother in different sea adiase Comparison of Admator Live Modeling of Tild Power Klas with ACCP Measurements Lived & posters exhibition (Terrace and Chillida room)	Cameron Johnstone Nomal Prabahar	12:00- 12:15- 12:30-
		Room /Track	Chairman	Paper ID	Title Experimental Investigation into the Air Compressibility Scaling Effect on OWC Performance and Wave Height	Presenter André F.L. Governo	14:00-
14:00-15:30 15:30-16:00	Oral presentations	Baroja/ Wave device development and testing	Yago Torre-Enciso	185 260 522 451	Enhancing the efficiency of an antil impulse further with a difficient Numerical polytimization assessment of a new wave energy convention system Seen fusing of the 1-0-1 MX MEC Experimental investigation on Performance of Counternating Impulse Turbrie with Middle Varies for Weve Energy Convention (Experimental Investigation on Performance of Counternating Impulse Turbrie with Middle Varies for Weve Energy Convention.)	Geetam Saha André F. L. Governo Hugh Wolgamot Kichiro Suto	14:15- 14:30- 14:45- 15:00-
		Tidal device development and testing Arriagal Wave hydrodynamic modelling	Daniel Coles Bara Rivao	268 343 366 365	Designs of an integrated generator and heaving busy Designing Voter Connection for Trial Turkine Blades A to ocasis blockage connection for an array of fast humbes Performance Assessment of a Multi-Risker Pleating Trial Energy System	Nick Baker George Papadakis Chris Vogel Nicholas Kaufmann	15:15- 14:00- 14:15- 14:30-
				391 420 504	The Influence of the Constituent Blade Seese on Cross-flow Turbine Performance Addition Manufacturing for Prevening the Blade Economy, Applications A Told Turbine Blade Case Shuty Design and Demonstration of a Passive PEID System for Told Turbines The Application Internal or Application Constituent PEID System for Told Turbines The Application Internal PEID Constituent PEID System for Told Turbines The Application Internal PEID CONSTITUENT PEID STATES TO THE APPLICATION INTERNAL PEID STATES TO THE TOLD THE	Abigale Snortland Miguel Gonzalez-Montijo Stefano Gambuzza Jiahn-Horng Chen	14:45- 15:00- 15:15- 14:00-
				513 198 278 333	Cyden Maethatos fo Madeling Mi Years Energy Consister Sense as year and CTD Introduction of a spherical flaster Special Consist Mobility of Year Energy Consisters as an Efficient Tool for Adjustment of PTO Model Passensium Analysing analysis of a ParVEC Liero.	Xuefei Wang Spyridon Zafeiris Antonio Jarquin Laguna Beatrice Batisti	14:15- 14:30- 14:45- 15:00-
		Oteiza/Tidal hydrodynamic modelling	AbuBakr Bahaj Ref	538 579 676 199	Department of state (see the partment of Exercity NEC loss absolute became passed to a been been by your close Experimental dissociation of the walks of a bidden exercited loss backen of cylinders placed in a high velocity area Development of a modified ERMT model for the analysis of helicital bladed verifical axis filted turbries. A comparative subject of power productions using a generic exercited model has data form.	Markos Bonovas Alina Santa Cruz Mohammad Fereidoonnezhad Kabir Bashir Shariff	15:15- 14:00- 14:15- 14:30-
				252 283 501	Objective Functions for the Blade Shape Optimisation of a Cross Flow Tital Turbres under Constraints Investigating the impact of multi-note shoutches shadowing on build shawn bushes performance A nethodology to capture the single blade builds on a cross-file total turbre. Here model Instruction Spotters exhibition (Terrace and Chillida room)	Karla Ruiz-Hussmann Bryn Townley Stefan Hoerner	14:45- 15:00- 15:15- 15:30-
	Side events	Mitxelena/Side event 4	"Supporting the Future of Ocean energy Here and Now; a glimpse of Basque Public Initiatives to Foster Sector Scale-Up" (by EVE)				
16:00-17:30		Baroja/Side event 5	Technology Performance Level Assessment (TPL) (by SANDIA LABTPL TEAM-)				16:00-
		Arriaga/Side event 6			Project, On the Cutting Edge of Tidal Blade Design and Materials (by Ocean Energy Euro		16:00-
17:30-19:00		Room/Track Barcja/ Wave device development and trating Arridags/ Wave typic netyramic modelling	Chairman Luis Gato Jesús M. Blanco	318 329 555	Table Table A Novel Hybrid Foxating Breakwater-Wave Energy Converter Device: Preferrinary Experimental Investigations Organizational claim facigits for traver energy conversion This Geometrical Dissign of the Lahapped Calebring Water Column Using Antificial Neural Nations	Presenter Sara Russo Jingyi Yang Chen-Chou Lin	17:30- 17:45- 18:00-
	Oral presentations			274 516 286 355	Maximizing the surgic amplitude of a finisher through an adoptable missing optimizing bethrings. Finisheby and Cost Assessment of Crisic Components: Existing generate Failure of DOM wave energy conventor Assessment on MEC array optimization using the Middles Genera Generic Apportun Normal or exceptions of a men hybrid failuring wind Lubras concept.	Andreas Asiikkis Julia Fernandez Chozas Ossama Abdelkhalik Beatrice Fenu	18:15- 18:30- 18:45- 17:30-
				376 379 426 473	O antification of user faithy in these were energy hydrofyranic models from experimental data. An overline of all experimental cargings for arrays of easis energy consistent hydrox. An overline of all experimental cargings for all experiments of energy consistent parties. An overline of all experiments of experiments	Mahdiyeh Farajvand Nicolas Faedo Ciaes Eskilsson David Ogden	17:45- 18:00- 18:15- 18:30-
		Oteiza/ Tidal hydrodynamic modelling	Pablo Ruiz-Minguela	474 407 464 566	Wolfacer hydrodynamics of a haveing spitule in differential resolution, and continued factor. Mostlets per adrittor of boundary promotify on a title reforming the actuator the method. Outsideration of budyland flow and the value of a filled stream budshe in proximity to a stige. Total budylance in medium depth water, primarily a model study.	Jana Orszaghova Huw Edwards Sulaiman Hurubi Göran Brostöm	18:45- 17:30- 17:45- 18:00-
				316 544	Verification and validation of blade resolved viscous flow told turbine simulations Comparison of Actuator Line Modeling of Tidal Power Kites with ADCP Measurements	Göran Broström Manuel Rentschler Nomal Prabahar	18:15- 18:30-
9:00-20:00	Technical programme	Elhuyar			Technical Committee meeting		18:45- 19:00-
:00-22:00	Social programme				Track Directors Dinner		20:00-