

Themes	Paper Number	Session	Authors	Paper title
June 04, Tuesday				
Small Auditorium - 2013-06-04 (14:00/14:15): Opening and welcome - Francisco Sancho (LNEC); Roberto Tomasichio (Univ. of Salento)				
Small Auditorium - 2013-06-04 (14:15/15:30)		S1	Session Conductor: Roberto Tomasichio	
14:15/15:30	Lecture 1		Jane Smith	WAVE AND STORM SURGE MODELING
15:30/15:45: Coffee Break				
Small Auditorium - 2013-06-04 (15:45/18:00)		S2	Session Conductor: Rui Capitão	Coastal waves, currents, tides and storm surges
15:45/16:00	10		V. Vannucchi, L. Cappiatti	WAVE ENERGY POTENTIAL IN THE NORTH-WESTERN MEDITERRANEAN SEA DEEP WATERS AND NEARSHORE AREAS
16:00/16:15	14		L. Pinheiro, J.A. Santos , C.J.E.M. Fortes	NUMERICAL SIMULATION OF THE BEHAVIOUR OF A MOORED SHIP INSIDE AN OPEN COAST HARBOUR
16:15/16:30	47		R. Morales-Pérez, J.A. Laurel-Castillo, A. Aguilar, V.M. Arroyo, M. Escalante, V. Mejia	FLOW REVERSAL OBSERVATIONS AT RIO HONDO (MEXICO-BELIZE) INDUCED BY THE PASS OF HURRICANE ERNESTO
16:30/16:45	56		J. Humeniuk, S. Ponce de León, N.Violante-Carvalho, L. M. de Carvalho, C. Guedes Soares	INFLUENCE OF ISLANDS ON THE WAVE FIELD INFERRED FROM SAR, WAVE BUOYS AND WAM MODEL
17:00/17:15	60		F.L. Santos , M.T. Reis , C.J.E.M. Fortes , A.D. Lotufo, G.F. Maciel	ARTMAP ARTIFICIAL NEURAL NETWORKS WITH FUZZY LOGIC. THEIR APPLICATION TO STUDY THE WAVE CONDITIONS AT SINES PORT, PORTUGAL
17:15/17:30	30		S.Rodrigues, M.F. Nascimento, N. Fonseca, J.A. Santos, C.F. Neves	NUMERICAL SIMULATION STUDY ON THE PROPAGATION OF WAVES GENERATED BY VESSELS USING A MODIFIED VERSION FUNWAVE
17:30/17:45	24		A.S. Vieira , G. F. Maciel, C.J.E.M. Fortes, C.R. Minussi, M. Dall'Aglío Sobrinho	COMPARATIVE ANALYSIS OF THE SWAN NUMERICAL MODEL PREDICTIONS AND OF THE PRESSURE SENSOR MEASUREMENTS AT THE ILHA SOLTEIRA LAKE
17:45/18:00	25		F.O. Ferreira , G.F. Maciel , G.H. Fiorot , C.R. Minussi, L.M.C.C. Gil	GENERATION AND PROPAGATION OF INSTABILITIES IN MUD FLOWS
June 05, Wednesday				
Small Auditorium - 2013-06-05 (09:00/10:15)		S3	Session Conductor: Juana Fortes	
09:00/10:15	Lecture 2		Iñigo Losada	WAVE-STRUCTURE INTERACTION
10:15/10:30: Coffee Break				
Small Auditorium - 2013-06-05 (10:30/13:00)		S4A	Session Conductor: Ana Catarina Zózimo	Coastal and Port Structures I
10:30/10:45	1		E. Didier, D. Neves, P.R.F. Teixeira, M.G. Neves, H. Soares, M. Viegas	COUPLING OF FLUINCO MESH-BASED AND SPH MESH-FREE NUMERICAL CODES FOR THE MODELING OF WAVE OVERTOPPING OVER A POROUS BREAKWATER
10:45/11:00	2		J. Inverno, M.G. Neves, E. Didier	NUMERICAL SIMULATION OF WAVE INTERACTING WITH A SUBMARINE OUTFALL USING IH-2VOF
11:00/11:15	5		R. Capitão, M.G. Neves , C.J.E.M. Fortes, L. Pinheiro	AN ANALYSIS OF THE RESPONSE OF SINES' TERMINAL XXI BASIN TO LONG WAVES' ACTION
11:15/11:30	20		N. Marujo, A. Trigo-Teixeira, A. Sanches do Valle, M.A. Araújo, J. Caldeira	AN IMPROVED AND INTEGRATED MONITORING METHODOLOGY FOR BREAKWATERS – APPLICATION TO THE ERICEIRA BREAKWATER
11:30/11:45	29		M.T. Reis, T.S. Hedges, S. Neves, M.G. Neves, K. Hu, H. Mase	EXTENDING THE H&R WAVE OVERTOPPING MODEL TO VERTICAL STRUCTURES
11:45/12:00	31		M. Rodríguez, J.F. Sanchez, R.M. Gutierrez, V. Negro	CHECKING EXISTING FORMULAS FOR ESTIMATING OVERTOPPING RATES IN HARBOUR BREAKWATERS
12:00/12:15	53		V. Ferrante, V. Penchev, F. Taveira-Pinto, L. Centurioni, D. Vicinanza	PHYSICAL AND NUMERICAL MODELING OF HYDRAULIC PERFORMANCES OF SUBMERGED BARRIERS
12:15/12:30	55		A. Bravo, J.A. Santos, M.T. Reis	COMPARISON OF TWO WAVE OVERTOPPING CALCULATION TOOLS BASED ON NEURAL NETWORK ANALYSIS
12:30/12:45	6		R. Staroszczyk, B. Stachurska	DAMPING OF WATER WAVES BY AN AIR BUBBLE BARRIER

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June 05, Wednesday				
Room 2 - 2013-06-05 (10:30/13:00)		S4B	Session Conductor: Felice D'Alessandro	Laboratory and field observations and techniques I
10:30/10:45	8		M. Paprota	LABORATORY INVESTIGATIONS OF WAVE TRANSMISSION THROUGH A SUBMERGED AERIAL BARRIER
10:45/11:00	11		S. Rütten, S. Mai, J. Wilhelmi, T. Zenz, J. Winkelbauer, P. Fröhle, U. Barjenbruch	COMPARISON OF DIRECTIONAL SPECTRA OF SEA WAVES ESTIMATED BY AN ARRAY OF RADAR SENSORS AND A DIRECTIONAL WAVERIDER BUOY
11:00/11:15	18		B. Scheres , S. Lorke, R. Pohl, J.W. van der Meer, H. Schüttrumpf	THE EFFECT OF VERY OBLIQUE WAVES ON WAVE OVERTOPPING AT A CONVEX FORMED SEA DIKE
11:15/11:30	23		C.F. Neves, L.A.M. Endres	THE INFLUENCE OF CURRENTS ON WAVE HEIGHT ESTIMATES FROM PRESSURE AND VELOCITY MEASUREMENTS
11:30/11:45	26		R. Reis , S. Gabriel, C.J.E.M. Fortes, D. Moura	CONTRIBUTION FOR THE ASSESSMENT OF THE WAVE CHARACTERISTICS AT GALÉ BEACH: EVALUATION OF TWO MODELING APPROACHES
11:45/12:00	27		M.R.A. van Gent, L. Luis	APPLICATION OF CUBES IN A SINGLE LAYER
12:00/12:15	33		R. Lemos, J.A. Santos	PHOTOGRAMMETRIC PROFILE SURVEY IN SCALE MODEL TESTS OF RUBBLE-MOUND BREAKWATERS
12:15/12:30	35		C. Faraci, E. Foti	EXPERIMENTAL INVESTIGATION ON HYDRO-MORPHODYNAMIC PERFORMANCES OF A GEOCONTAINER SUBMERGED SILL
12:30/12:45				
12:45/13:00				
13:00/14:30: Lunch Break				
Small Auditorium - 2013-06-05 (14:30/15:30)		S5	Session Conductor: Paulo Silva	Shelf, nearshore and estuarine forecasting systems & Beach nourishment
14:30/14:45	45		F. Campuzano, M. Juliano, R. Fernandes, L. Pinto, R. Neves	FROM THE DEEP OCEAN TO THE ESTUARINE INTERTIDAL AREAS: AN OPERATIONAL FRAMEWORK FOR THE PORTUGUESE EXCLUSIVE ECONOMIC ZONE
14:45/15:00	52		M. Rodrigues, J. Costa, G. Jesus, A. Fortunato, J. Rogeiro, J. Gomes, A. Oliveira, L. David	APPLICATION OF AN ESTUARINE AND COASTAL NOWCAST-FORECAST INFORMATION SYSTEM TO THE TAGUS ESTUARY
15:00/15:15	32		B. Huisman, Z.B. Wang, J.G. de Ronde, J. Stronkhorst, C.J. Sprengers	COASTLINE MODELLING FOR NOURISHMENT STRATEGY EVALUATION
15:15/15:30				
15:30/15:45: Coffee Break				
Small Auditorium - 2013-06-05 (15:45/17:00)		S6	Session Conductor: Lucília Luís	Beach morphodynamics and sediment transport
15:45/16:00	15		B. Ayat, N. Kobayashi	NUMERICAL MODELING OF EROSION AND OVERWASH OF VEGETATED DUNES
16:00/16:15	22		G. Barbaro, G. Foti, C.L. Sicilia	ESTIMATE OF SEDIMENT TRANSPORT RATE AT THE MOUTH OF THE ANNUNZIATA RIVER (RC)
16:15/16:30	38		F. Barrio-Parra, M. Ribeiro, I. Bosnic, R. Taborda, I. Rodriguez-Santalla, J. Cascalho	SEDIMENT BUDGET AT FANGAR SPIT (EBRO DELTA, SPAIN): MATCHING SHORT-TERM OBSERVATIONS WITH LONG-TERM EVOLUTION
16:30/16:45	51		T. Abreu, F. Sancho, P.A. Silva	SHEET-FLOW SEDIMENT TRANSPORT FORMULAE VERIFICATION UNDER A NEW SET OF EXPERIMENTS
16:45/17:00	54		P.A. Silva, T. Abreu, F. Sancho	UNSTEADY EFFECTS IN SAND TRANSPORT UNDER NONLINEAR WAVES

Themes	Paper Number	Session	Authors	Paper title
June 06, Thursday				
Small Auditorium - 2013-06-06 (09:00/10:15)		S7	Session Conductor: Francisco Sancho	
09:00/10:15	Lecture 3		Nobu Kobayashi	SEDIMENT TRANSPORT MODELING
10:15/10:30: Coffee Break				
Small Auditorium - 2012-06-06 (10:30 à 13:00)		S8	Session Conductor: Maria Teresa Reis	Laboratory and field observations and techniques II
10:30/10:45	42		U. Andriolo, F. Sancho, P. Freire, F.S.B.F. Oliveira	INTEGRATED VIDEO-SEDIMENT TRACER TECHNIQUE FOR SAND TRANSPORT MEASUREMENTS
10:45/11:00	43		J.M.P. Conde, C.J.E.M. Fortes, E. Didier, R. Lemos, R. Reis	PHYSICAL MODELLING OF BICHROMATIC WAVE PROPAGATION AND WAVE BREAKING IN A WAVE FLUME
11:00/11:15	44		J. van der Zanden, J.M. Alsina, I. Cáceres, R.H. Buijsrogge, J.S. Ribberink	NEW CCM TECHNIQUE FOR SHEET FLOW MEASUREMENTS AND ITS FIRST APPLICATION IN SWASH ZONE EXPERIMENTS
11:15/11:30	48		H. Lopes, F. Taveira-Pinto, F. Veloso-Gomes, R. China, J. Cabral, J. Gadelho, M.G. Neves, M.T. Reis	LABORATORY TECHNIQUES – IMAGE PROCESSING TOOLS ON PHYSICAL MODEL TESTS
11:30/11:45	50		Ó. Ferreira, M.T. Reis, A.R. Carrasco, M.G. Neves, D. Neves, E. Didier	SMALL OVERTOPPING AT ALBUFEIRA HARBOUR: FIELD MEASUREMENTS AND MODELLING
11:45/12:00	58		P. Freitas, A. Trigo-Teixeira, M.A.V.C. Araújo	HYDRAULIC STABILITY OF ANTIFER BLOCK ARMOUR LAYERS
12:00/12:15	59		J. Fabião, A. Trigo-Teixeira, M.A.V.C. Araújo	HYDRAULIC STABILITY OF TETRAPOD ARMOUR LAYERS. PHYSICAL MODEL STUDY
12:15/12:30	13		L. Priegue, J. Ferreras, J. Sande, E. Peña	PARAMETRICAL ANALYSIS FOR DIFFERENT TYPOLOGIES OF MOORING LINES IN THE DESIGN OF FLOATING BREAKWATERS
12:30/12:45				
12:45/13:00				
13:00/14:30: Lunch Break				
14:30/18:30			Technical visit to Costa da Caparica beaches	

Themes	Paper Number	Session	Authors	Paper title
June 07, Friday				
Small Auditorium - 2013-06-07 (09:00/10:15)		S9	Session Conductor: Filipa Oliveira	
09:00/10:15	Lecture 4		José Jiménez	COASTAL RISK ASSESSMENT
10:15/10:30: Coffee Break				
Small Auditorium - 2012-06-07 (10:30 à 13:00)		S10	Session Conductor: Óscar Ferreira	Coastal risks and management, including climate changes
10:30/11:00	34		D. R. Basco, N. Mahmoudpour	TOWARD DEVELOPMENT OF A COASTAL STORM SEVERITY INDEX: THE COASTAL STORM IMPULSE (COSI) PARAMETER
11:00/11:15	9		F. Costa, E. Peña, J. Anta, F. Sánchez-Tembleque	STUDY OF DENSE JET DISCHARGES PARAMETERS OF DESALINATION PROCESSES IN COASTAL WATERS. NEAR FIELD
11:15/11:30	17		C. Grimm, D. Bachmann, H. Schüttrumpf	DEVELOPMENT AND APPLICATION OF A FLOOD RISK ANALYSIS FOR COASTAL REGIONS
11:30/11:45	28		A. Mendonça, S. Solari, M.A. Losada, M.G. Neves, M.T. Reis	A TOOL FOR THE DESIGN OPTIMIZATION AND MANAGEMENT OF SUBMARINE OUTFALL PROJECTS: APPLICATION TO A PORTUGUESE CASE-STUDY
11:45/12:00	36		D.V. Busman, E. Amaro, M.C. Prudêncio, F.G.F. Lima, M.F.A. Matos, J.E. Moura	SHORELINE CHANGES FROM 1986 TO 2010 ON PONTA NEGRA BEACH, NATAL/RN, NORTHEAST BRAZIL
12:00/12:15	41		C. Lanfredi, A. Azzellino, L. Centurioni, D. Vicinanza	A SPATIAL PLANNING APPROACH TO COASTAL MANAGEMENT: THE CASE OF MARINE RENEWABLE ENERGY INSTALLATIONS
12:15/12:30	49		P. Poseiro, C.J.E.M. Fortes, M.T. Reis, J.A. Santos, R. Capitão, A. Simões, M.C. Rodrigues, E.B. Azevedo	A METHODOLOGY FOR OVERTOPPING RISK ASSESSMENT IN PORT AREAS. APPLICATION TO THE PORT OF PRAIA DA VITORIA (AZORES, PORTUGAL)
12:30/12:45				
Small Auditorium - 2013-06-07 (12:45/13:00): Awards Notification and Closure - Felice D'Alessandro; Roberto Tomasichio; Francisco Sancho				