

| MONDAY, SEPTEMBER 29 TH , 2014 | |
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| 09:00 - 18:00 | PhD Master Class |
| 14:00 - 19:00 | Exhibition open |
| 16:00 - 19:00 | On Site Registration |
| 19:00 - 21:00 | Welcome reception, Panorama Bar, Grand Hotel 'Dimyat' |

| TUESDAY, SEPTEMBER 30 TH , 2014 | | |
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| 08:00 - 09:00 | On Site Registration | |
| 09:00 - 09:30 | Conference Opening Ceremony | |
| 09:30 - 10:00 | Keynote: "Improvements in physical modelling especially in modelling tsunamis and their effects" William ALLSOP , Technical Director at HR Wallingford | |
| 10:00 - 10:30 | Keynote: "Wave agitation modelling for ports and terminals" Jens KIRKEGAARD , Contract Manager at DHI Water & Environment & Health | |
| 10:30 - 10:50 | Exhibition & Coffee break | |
| 10:50 - 12:30 | Hall "Rubin" Scientific session 1 (5 x 20 min) COASTAL STRUCTURES. BREAKWATERS (1) | Hall "Perla" Scientific session 2 (5 x 20 min) PHYSICAL MODELLING. MEASURING TECHNIQUES AND INSTRUMENTATION (1) |
| | Chair person: | Chair person: |
| 10:50 - 11:10 | Kortenhaus A. , Vloeberch H., Weymeis M., Gallach-Sánchez D., De Rouck J., Troch P., <i>IMPROVED UNDERSTANDING OF STABILITY AND OVERTOPPING PERFORMANCE OF SINGLE LAYER HARO BLOCKS ON RUBBLE MOUND BREAKWATERS</i> | Baker S., Frank G., Williamson D., Macintosh K., Cornett A. , <i>PHYSICAL MODELLING AND DESIGN FOR A NEW MEGA-YACHT MARINA</i> |
| 11:10 - 11:30 | Hofland B. , Disco M., Van Gent M., <i>DAMAGE CHARACTERIZATION OF RUBBLE MOUND ROUNDHEADS</i> | Wang Y.N., Chen Y.P. , Zhang C.K., <i>EXPERIMENTAL STUDY OF A NON-BUOYANT JET in WAVY CROSSFLOW ENVIRONMENT</i> |
| 11:30 - 11:50 | Herrera M.P. , Molines J., Medina J.R., <i>TOE PROTECTION STABILITY FOR RUBBLE MOUND BREAKWATERS IN VERY SHALLOW WATER</i> | Kasem T., Schlenkhoff A. , Peterseim S., <i>MEASUREMENT OF WAVE INDUCED FLOW BEHIND SUBMERGED OBSTACLES USING A CUSTOM PIV SYSTEM</i> |
| 11:50 - 12:10 | Jaime F.F. , Lara J.L., Stagonas D., Losada I.J., <i>IMPACT INDUCED PRESSURE DISTRIBUTIONS AT THE UNDERSIDE OF A RECURVED WALL</i> | Valentini N. , Hofland B., Saponieri A., <i>APPLICATION OF LIDAR AS A MEASUREMENT INSTRUMENT FOR LABORATORY WATER WAVES</i> |
| 12:10 - 12:30 | Kerpen N. , Goseberg N., Schlurmann T., <i>EXPERIMENTAL INVESTIGATIONS ON WAVE OVERTOPPING ON STEPPED EMBANKMENTS</i> | Cokgor S. , Durmus O., <i>3D LABORATORY EXPERIMENTS FOR TURBULENCE CHARACTERISTICS NEAR THE RUBBLE MOUND BREAKWATER</i> |
| 12:30 - 13:30 | Lunch Break | |

| TUESDAY, SEPTEMBER 30 TH , 2014 | | |
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| 13:30 - 15:10 | Hall "Rubin" Scientific session 3 (5 x 20 min) COASTAL STRUCTURES. BREAKWATERS (2) Chair person: | Hall "Perla" Scientific session 4 (5 x 20 min) COASTAL HYDRODYNAMICS: WAVES. CURRENTS (1) Chair person: |
| 13:30 - 13:50 | Taveira-Pinto F. , Almeida L., Luís L., <i>PHYSICAL MODELING OF A SINGLE LAYER OF CUBIC BLOCKS</i> | Whittaker C. , Raby A. <i>LAGRANGIAN AND EULERIAN MEASUREMENTS OF FOCUSED WAVE GROUPS</i> |
| 13:50 - 14:10 | Troch P. , Mollaert J., Peelman S., Victor L., Van Der Meer J., Sánchez D.G., Kortenhaus A. <i>EXPERIMENTAL STUDY OF OVERTOPPING PERFORMANCE FOR THE CASES OF VERY STEEP SLOPES AND VERTICAL WALLS WITH VERY SMALL FREEBOARDS</i> | Conde J. M. P. , Neves C. F., Fortes C. J. E. M., Lemos R., <i>EXPERIMENTAL WAVE BREAKING VELOCITY CHARACTERIZATION FOR MONOCHROMATIC, BICHROMATIC AND IRREGULAR WAVES</i> |
| 14:10 - 14:30 | Gallach-Sánchez D. , Troch P., Vroman T., Pintelon L., Kortenhaus A. <i>EXPERIMENTAL STUDY OF OVERTOPPING PERFORMANCE OF STEEP SMOOTH SLOPES FOR SHALLOW WATER WAVE CONDITIONS</i> | Riefolo L. , Contestabile P., Ferrante V., Azzellino A., Centurioni L., Vicinanza D., <i>THE ROLE OF SPECTRAL WAVE COMPONENTS, BANDWIDTH AND WAVE GROUPING ON RUNUP: PRELIMINARY RESULTS FROM LARGE-SCALE EXPERIMENTS</i> |
| 14:30 - 14:50 | Shakhin V. , Radionov A., Shakhina T.V., Volkova E., <i>ARTIFICIAL BAY SHAPE BEACHES</i> | Pan Y., Morawski M.P., Penchev P. , Chen Y., <i>THE INTERACTION BETWEEN WAVES AND STORM SURGE DURING A TYPHOON EVENT</i> |
| 14:50 - 15:10 | Lee J.I., Shin S.W. , Kim Y.T., Bae I.R., <i>LABORATORY EXPERIMENTS FOR WAVE REFLECTION CHARACTERISTICS OF PARTIALLY PERFORATED WALL CAISSONS WITH SINGLE AND DOUBLE CHAMBERS</i> | Majewski D. , Stachurska B., Sulisz W. <i>INVESTIGATION OF THE EFFECT OF CURRENT ON THE FORMATION OF FREAK WAVES</i> |
| 15:10 - 15:30 | Exhibition & Coffee break | |
| 15:30 - 17:10 | Hall "Rubin" Scientific session 5 (5 x 20 min) COASTAL STRUCTURES. BREAKWATERS (3) Chair person: | Hall "Perla" Scientific session 6 (5 x 20 min) COASTAL HYDRODYNAMICS: WAVES. CURRENTS (2) Chair person: |
| 15:30 - 15:50 | Hayashi K. , Ooi K., <i>WAVE TRANSMISSION AND REFLECTION THROUGH CIRCULAR CYLINDERS AND POROUS STRUCTURES</i> | Hsu W.Y. , Shugan I., Chiang W.S., Yang R.Y., Hwung H.H., <i>LABORATORY STUDY ON GIANT WAVE GENERATION BY BENJAMIN FEIR INSTABILITY</i> |
| 15:50 - 16:10 | Fabião J. , Freitas P., Trigo-Teixeira A., Araújo M.A.V.C., <i>HYDRAULIC STABILITY OF TETRAPOD AND ANTIFER BLOCK FOR DIFFERENT PLACEMENT METHODS ON ARMOUR LAYERS</i> | Capitao R. , Fortes C., Poseiro P., <i>A COMPARISON OF WAVE CHARACTERISTICS AT CAPARICA BEACH, PORTUGAL, USING IN-SITU AND TRANSFERRED WAVE DATA</i> |
| 16:10 - 16:30 | Murphy J., Coleman M. , <i>NOVEL UTILISATION OF XBLOC ARMOUR UNITS ON A FLAT SLOPED BREAKWATER DEVELOPMENT</i> | Touhami H.E. , Khellaf M.C., <i>EFFECTS OF SUBMERGED OBSTACLES ON TSUNAMI WAVE AND RUN UP</i> |
| 16:30 - 16:50 | Pasquali D. , De Girolamo P., Passacantando G., Pellegrini G., Rashid A.A., Di Risio M. <i>EXPERIMENTAL PARAMETRIC STUDY OF THE NEW AL FAW PORT RUBBLE MOUND BREAKWATER</i> | Shugan I., Saprykina Y., Yang R.Y. , Kuznetsov S., Hsu W.Y. <i>MULTICASCAD DOWNSHIFTING OF WAVE SPECTRUM ON STEPWISE INCREASING OPPOSITE CURRENT</i> |
| 16:50 - 17:10 | Cammaroto B. , Faraci C., Ferreri G.B., Foti E., <i>EXPERIMENTAL INVESTIGATION ON A GEOCONTAINER SUBMERGED REEF</i> | Shtremel M. , Saprykina Y., Kuznetsov S., Korzinin D., Kovalenko A. <i>PHYSICAL MODELING OF COASTAL ZONE VULNERABILITY</i> |

| WEDNESDAY, OCTOBER 1 ST , 2014 | | |
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| 09:00 - 09:30 | Keynote: "Next generation hydraulic facilities - Overview of physical modelling in Delft, including the new Delta Flume" Marcel VAN GENT , head of the Department Coastal Structures & Waves at DELTA RES | |
| 09:30 - 10:30 | Hall "Rubin" Scientific session 7 (3 x 20 min) COASTAL STRUCTURES. BREAKWATERS (4) | Hall "Perla" Scientific session 8 (3 x 20 min) SEDIMENT TRANSPORT. EROSION. SEDIMENTATION. LOCAL SCOUR |
| | Chair person: | Chair person: |
| 09:30 - 09:50 | Wolters G. , Van Gent M., Hofland B., Wellens P., <i>WAVE DAMPING AND PERMEABILITY SCALING IN RUBBLE MOUND BREAKWATERS</i> | Ferradosa T.J.F. , Taveira-Pinto F., Oliveira B., Simons R., <i>ECHO-SOUNDER PROFILES 2D ANALYSIS ON SCOUR AROUND MARINE FOUNDATIONS IN MIXED AND LAYERED SEDIMENTS</i> |
| 09:50 - 10:10 | Benessai E. , Di Natale M., <i>INNOVATIVE PLANNING OF TOURIST PORTS BASED ON ARCHITECTURAL BEAUTY OF THE HARBOURS BUILT</i> | Whitehouse R. , Sutherland J., Powell K., Harris J., <i>FAST FLOW FACILITY FOR SEDIMENT AND MORPHOLOGY TESTING</i> |
| 10:10 - 10:30 | Kuznetsov S. , Saprykina Y., Korzinin D., Kovalenko A., <i>EXPERIMENTAL INVESTIGATIONS OF WAVE TRANSFORMATION DUE TO UNDERWATER STRUCTURES</i> | Babchik D.V., Belyaev N. , Lebedev V., Nudner I., Semenov K., Shchemelinin L. <i>EXPERIMENTAL INVESTIGATIONS OF LOCAL SCOUR CAUSED BY CURRENTS AND REGULAR WAVES NEAR DRILLING BARGE FOUNDATION WITH CUTOUT IN STERN</i> |
| 10:30 - 10:50 | Exhibition & Coffee break | |
| 10:50 - 12:30 | Hall "Rubin" Scientific session 9 (5 x 20 min) COMBINED PHYSICAL AND NUMERICAL MODELLING | Hall "Perla" Scientific session 10 (5 x 20 min) WAVE-STRUCTURE INTERACTION. STRUCTURAL RESPONSE (1) |
| | Chair person: | Chair person: |
| 10:50 - 11:10 | Ziros A. , Metallinos A., Memos C., <i>COMPARISON BETWEEN IN-SITU VELOCITY MEASUREMENTS OVER A SUBMERGED PERMEABLE BREAKWATER AND A BOUSSINESQ-TYPE MODEL</i> | Giantsi T. , Kalogeris D., Moutzouris C., <i>WAVE REFLECTION ON A VERTICAL QUAY-WALL WITH WAVE CHAMBER</i> |
| 11:10 - 11:30 | Carevic D. , Lončar G., Andročec V., Paladin M. <i>PHYSICAL AND NUMERICAL MODELLING OF WAVE FIELD IN FRONT OF THE CONTAINER TERMINAL PEAR - PORT OF RIJEKA (ADRIATIC SEA)</i> | Adami A., Dallan E., Volpato M. , <i>PHYSICAL MODEL INVESTIGATION ON DYNAMIC BEHAVIOR OF MOSE GATES CAISSON DURING SINKING OPERATION</i> |
| 11:30 - 11:50 | Plaza J.C., Berenguer F., Martin J., Monsó J.L. , Sánchez P., Rodriguez F., Díaz M. <i>VERTICAL BREAKWATER DESIGN CRITERIA REVIEW BASED ON PROTOTYPE INSTRUMENTATION, PHYSICAL AND NUMERICAL MODELLING OF BOTAFOC BREAKWATER (IBIZA, SPAIN)</i> | Loukogeorgaki E. , Lentsiou E.N., Aksel M., Yagci O., Kabdasli M.S. <i>3D EXPERIMENTS ON MOORED FLOATING BREAKWATERS: HYDROELASTIC AND STRUCTURAL RESPONSE ASSESSMENT</i> |
| 11:50 - 12:10 | Vyzikas T. , Stagonas D., Buldakov E., Greaves D., <i>ON THE SIMULATION OF FOCUSED WAVES WITH OPENFOAM & WAVES2FOAM</i> | Jakobsen M.M. , Iglesias G., Kramer M., Vidal E., <i>EXPERIMENTAL STUDY OF FORCES ON POINT ABSORBER</i> |
| 12:10 - 12:30 | Hu Z.Z. , Greaves D., Raby A., <i>SIMULATION OF EXTREME FREE SURFACE WAVES USING OPENFOAM</i> | Repousis E.G. , Metallinos A.S., Memos C.D., <i>WAVE BREAKING OVER SUBMERGED BREAKWATERS</i> |
| 12:30 - 13:30 | Lunch Break | |

| WEDNESDAY, OCTOBER 1 ST , 2014 | | |
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| 13:30 - 15:10 | Hall "Rubin": Scientific session 11 (5 x 20 min) PHYSICAL MODELLING. MEASURING TECHNIQUES AND INSTRUMENTATION (2) Chair person: | Hall "Perla": Scientific session 12 (5 x 20 min) OCEAN ENERGY. WAVE/TIDAL ENERGY Chair person: |
| 13:30 - 13:50 | Wenneker I., Hofland B., <i>OPTIMAL WAVE GAUGE SPACINGS FOR SEPARATION OF INCOMING AND REFLECTED WAVES</i> | Abanades J., Greaves D., Iglesias G., <i>WAVE FARMS FOR COASTAL DEFENCE? THEIR EFFECTS ON THE BEACH</i> |
| 13:50 - 14:10 | Polidoro A., Pullen T., Dornbusch U. <i>COMPARISON OF FIELD AND LABORATORY MEASUREMENTS OF WAVE RUN-UP AND VALIDATION OF A NEW PREDICTION METHOD</i> | Ferrante V., Contestabile P., Polette M., Azzellino A., Centurioni L., Vicinanza D., <i>WAVE ENERGY POTENTIAL ALONG THE COAST OF ISCHIA ISLAND (SOUTH ITALY)</i> |
| 14:10 - 14:30 | Nistor J., Al-Riffai M., <i>PHYSICAL MODELING OF EMBANKMENT BREACHING DUE TO SUSTAINED OVERFLOW</i> | Lanfredi C., Azzellino A., Centurioni L., Vicinanza D., <i>OPTIMAL SITING FOR MARINE RENEWABLES ENERGY INSTALLATIONS ALONG THE CALIFORNIAN COAST USING A MARINE SPATIAL PLANNING APPROACH</i> |
| 14:30 - 14:50 | Verhagen H.J., <i>THE USE OF POLYURETHANE IN COASTAL ENGINEERING MODELS</i> | Stratigaki V., Troch P., Stallard T., Frehand D., <i>et al</i> <i>EXPERIMENTS WITH POINT ABSORBER TYPE WAVE ENERGY CONVERTERS IN A LARGE-SCALE WAVE BASIN: THE "WECWAKES" DATABASE</i> |
| 14:50 - 15:10 | Costa F., Peña-González E., Anta J., Sánchez-Tembleque F., <i>TRANSITION ZONE CHARACTERISTICS OF DENSE JET DISCHARGES IN COASTAL WATERS. PHYSICAL MODEL, PIV AND LIF ANALYSIS</i> | Rosa-Santos P., Taveira-Pinto F., Marinheiro J., Ribeiro J., <i>PERFORMANCE EVALUATION OF AN OPTIMIZED WAVE ENERGY CONVERTER</i> |
| 15:10 - 15:30 | Exhibition & Coffee break | |
| 15:30 - 16:00 | Scientific session 14: POSTERS | |
| | <ul style="list-style-type: none"> • Araújo M.A.V.C., Trigo-Teixeira A., <i>PHYSICAL MODEL TESTING OF THE BEDFORMS INDUCED TURBULENCE IN THE WATER COLUMN</i> • Chen X.J., Fang C.M., Zhao H.M., <i>THEORY OF RIVER PATTERN TRANSFORMATION AND SINUOSITY CHANGE OF CHANNEL IN THE LOWER YELLOW RIVER</i> • Kantarzhi I., Zuev, N., Shunko N., Zheleznyak M., Dikiy P., Sorokin M., <i>NUMERICAL AND PHYSICAL MODELLING OF THE WAVES INSIDE THE NEW MARINA IN GELENDJIK (BLACK SEA)</i> • Kim Y.T., Lee J.I., <i>EXPERIMENTS ON TRANSMITTED WAVES BY WAVE OVERTOPPING FOR VERTICAL WALLS</i> • Marinski J. et al., <i>MONITORING NETWORK OF PORT BOURGAS</i> • Penchev V., Bojkov V., Banev B., Kirkegaard J., <i>FULL-SCALE LABORATORY TESTS OF AN UNMANNED COASTAL SURVEY VESSEL</i> • Ryu Y.U., Kim Y.T., Lee J.I., <i>PROFILE OF OVERTOPPING FLOW OVER BREAKWATER LEESIDE</i> • Saprykina Y., Kuznetsov S., Kovalenko A., <i>EXPERIMENTAL INVESTIGATION OF LOCAL REFLECTION OF LONG WAVES FROM UNDERWATER SLOPE</i> • Sharova V., Kantarzhi I., <i>EXPERIMENTAL STUDY OF THE SCOUR IN THE BREAKWATER FRONT FROM OBLIQUE WAVES</i> | |
| 16:00 - 18:00 | Hall "Rubin": Scientific session 14 (6 x 20 min) "HYDRALAB-IV, More than water" Chair person: | |
| 16:00 - 16:20 | Hofland B., Wenneker I., Van Steeg P. <i>SHORT TEST DURATIONS FOR WAVE OVERTOPPING EXPERIMENTS</i> | |
| 16:20 - 16:40 | Marzeddu A., Stagonas D., Gironella X., Sánchez-Archilla A., <i>EFFECT OF MEASUREMENT SYSTEMS ON IMPACT LOADS ON RIGID STRUCTURES</i> | |
| 16:40 - 17:00 | Lemos R., Capitão R., Fortes J., Santos J., Wellens P., <i>REMOTE ACCESS TO DATA AND EXPERIMENTS. APPLICATION TO HYDRAULIC LABORATORY FACILITIES</i> | |
| 17:00 - 17:20 | Ohana J., Le Boulluec M., Peron E., Klinghammer C., Tancray A., Mansuy E. <i>OPEN JET BLOWER TYPE WIND GENERATOR WITH VARIABLE WIND SPEED CAPABILITY FOR PHYSICAL MODEL TESTING OF OFFSHORE STRUCTURES</i> | |
| 17:20 - 17:40 | Hansen D.A., Mariegaard J., Petersen T.U. <i>WAVE GENERATION WITH A PHASE-RESOLVING NUMERICAL MODEL – ADVANCED 3D EFFECTS</i> | |
| 17:40 - 18:00 | Donnai D., Sutherland J., Clarke J. <i>ACTIVE MOORING LINE TRANSDUCER FOR SMALL SCALE PHYSICAL MODEL TESTS</i> | |

| THURSDAY, OCTOBER 2 ND , 2014 | |
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| 09:00 - 09:30 | Keynote: "Physical modelling of moored ship motions for optimized design of ports and marine terminals" Andrew CORNETT , Marine Infrastructure, Energy & Water Resources (MIEWR) at Canada's National Research Council |
| 09:30 - 10:50 | Hall "Rubin" Scientific session 15 (4 x 20 min) PORTS AND HARBOURS. APPROACH CHANNELS. DREDGING Chair person |
| 09:30 - 09:50 | Giantsi T. , Petrou C., Moutzouris C.I. <i>DAMAGES PROVOKED BY WIND WAVES IN TWO PORTS AT WESTERN PELOPONNESUS, GREECE</i> |
| 09:50 - 10:10 | Yuksel Y. , Yuksel Z.T., Orhan K., Cevik E. <i>EXPERIMENTAL STUDY ON SEISMIC RESPONSES OF PORT STRUCTURES</i> |
| 10:10 - 10:30 | Wang Y.H. , Lu P.D., Chen K.F., Zeng C.J. <i>HYDRODYNAMICS AND PHYSICAL MODEL TESTING ON HARBOR PLANNING OF THE RADIAL SAND RIDGES IN SOUTH YELLOW SEA, CHINA</i> |
| 10:30 - 10:50 | Hassan W. , Willems M., Troch P. <i>A DETAILED HYDRODYNAMIC STUDY ON TIDAL FLOW AT THE PORT OF ZEEBRUGGE</i> |
| 10:50 - 11:10 | Exhibition & Coffee break |
| 11:10 - 12:10 | Hall "Rubin" Scientific session 16 (4 x 20 min) WAVE-STRUCTURE INTERACTION. STRUCTURAL RESPONSE (2) Chair person: |
| 11:10 - 11:30 | Van Steeg P. , Klein Breteler M., Labrujere A. <i>DESIGN OF WAVE IMPACT GENERATOR TO TEST STABILITY OF GRASS SLOPES UNDER WAVE ATTACK</i> |
| 11:30 - 11:50 | Mendoza A., Lomonaco P., Alvarez A. , Sarmiento J., Martinez M., Vidal C. <i>PHYSICAL MODEL TESTING OF GRAVITY BASED STRUCTURES FOR ARTIFITIAL SUSTAINABLE OFFSHORE ISLANDS</i> |
| 11:50 - 12:10 | Rosa-Santos P. , Taveira-Pinto F., Veloso-Gomes F. <i>EVALUATION OF THE MOORING SYSTEM INFLUENCE ON THE RESPONSE OF MOORED SHIPS</i> |
| 12:10 - 12:30 | Ruju A. , Conley D., Masselink G., <i>BED STRESS ESTIMATION IN THE SWASH ZONE OF A PROTO-TYPE LABORATORY BEACH</i> |
| 12:30 - 13:00 | Closing ceremony |
| 13:00 - 14:00 | Lunch Break |
| 14:00 - 16:00 | Study tour: Visit of Laboratory and Coastal protection sites |
| 16:00 - 19:00 | Tall Ship "Kaliakra": Cruise along the Varna coast |
| 19:30 - 22:00 | Conference Banquet |

| FRIDAY, OCTOBER 3 RD , 2014 | |
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| Post conference tours (upon request) | |