

4th International Tsunami Symposium: Final Program

10:10 T18 Tsunami Instrumentation and Warning System/Risk Analysis

M.A. Baptista, Lucinda Leonard Marine Room

10:10 1839

OFFSHORE TSUNAMETER DATA ANALYSIS & APPLICATIONS: DETIDING, QUALITY CONTROL & MODEL VALIDATION

Natalia Donoho* (NOAA) Stephen Gill (NOAA), Katerina Glebushko (NOAA)

10:28 1836

MONITORING DETECTING & WARNING OF TSUNAMIS

Maria Ana Baptista* (ISEL, IDL PORTUGAL) Luis Matias (FCUL, IDL), Fernando Carrilho (Instituto de Meteorologia), Alessandro Annunziato (Joint Research Centre, EU), Rachid Omira (Instituto Dom Luiz), Miguel Miranda (Instituto Dom Luiz)

10:46 **Not included in Proceedings***

THE PUERTO RICO TSUNAMI WARNING & MITIGATION PROGRAM (PRTWMP)

Gisela Báez-Sánchez* (Puerto Rico Seismic Network)

11:04 1837

TSUNAMI IMPACT ON NEWFOUNDLAND, CANADA, DUE TO FAR-FIELD GENERATED TSUNAMIS. IMPLICATIONS ON HAZARD ASSESSMENT

Jean Roger* (Ecole Normale Supérieure) Maria Ana Baptista (ISEL, IDL), David Mosher (Natural Resources Canada / Geological Survey of Canada), Hélène Hébert (CEA, DAM, DIF), Alexandre Sahal (Université Paris 1 Panthéon-Sorbonne)

11:24 1844

TOWARDS A NATIONAL TSUNAMI HAZARD MAP FOR CANADA: TSUNAMI SOURCES

Lucinda Leonard* (Geological Survey of Canada, Natural Resources Canada (GSC-NRC)) Roy Hyndman (GSC-NRC), Garry Rogers (GSC-NRC)

13:30 T30 Tsunami Engineering/Experimental Modeling

Lübna Amir, Tad Murty Marine Room

13:30 1853

NUMERICAL MODELING OF TSUNAMI WAVES IN FRENCH WEST INDIES

Narcisse Zahibo* (Univ. of the French West Indies & Guiana) Efim Pelinovsky (Institute of Applied Physics), Irina Nikolchina (Univ. of the French West Indies & Guiana)

13:47 1846

THE EARTHQUAKE & TSUNAMI OF 365 A.D. IN THE EASTERN MEDITERRANEAN SEA

George Pararas-Carayannis* (Tsunami Society International) Charles L. Mader (Mader Consulting Co.)

14:04 1840

ESTIMATION OF TSUNAMI FORCES ON INFRASTRUCTURE: FIELD INVESTIGATIONS & PHYSICAL & NUMERICAL MODELING

Ioan Nistor* (Univ. of Ottawa) Dan Palermo (Univ. of Ottawa), Murat Saatcioglu (Univ. of Ottawa), Tad Murty (Univ. of Ottawa)

14:21 1850

ON-SHORE HYDRAULIC LOADS: EARTHQUAKE EXCITED TSUNAMIS

Angelo Thurairajah* (Structural Consulting)

10:00 W10 Chile and Haiti Earthquake Tsunami Impacts/Numerical Modeling

Ioan Nistor, Zhigang Xu Marine Room

10:00 **Special Presentation**

ENGINEERING SIGNIFICANCE & LESSONS LEARNED FROM THE FEBRUARY 27 CHILEAN EARTHQUAKE & TSUNAMI

Murat Saatcioglu* (Univ. of Ottawa), Ioan Nistor* (Univ. of Ottawa)

10:17 **Special Presentation**

OVERVIEW OF CHILE/HAITI 2010 EARTHQUAKES & TSUNAMIS – ASSESSMENT OF FUTURE RISKS

George Pararas-Carayannis* (Tsunami Society International)

10:34 1856

DISCRETIZED GLOBAL OPERATORS & ALL-SOURCE GREEN'S FUNCTIONS OF SHALLOW WATER EQUATIONS FOR REAL-TIME SIMULATIONS OF TSUNAMI ARRIVALS

Zhigang Xu* (Maurice Lamontagne Institute, Fisheries & Oceans Canada)

10:51 1842

GRAIN-SIZE & THIN SECTION CHARACTERISTICS OF TSUNAMI SEDIMENTS FROM KHAO LAK, THAILAND; **Chanchai Srisutam* (Royal Irrigation**

Department, Thailand) Jean-Frank Wagner (Univ. of Trier)

11:07 1845

LOCAL SITE CONDITIONS INFLUENCING EARTHQUAKE INTENSITIES & SECONDARY EFFECTS IN THE SEA OF MARMARA REGION - APPLICATION OF STANDARDIZED REMOTE SENSING & GIS-METHODS IN DETECTING POTENTIALLY VULNERABLE AREAS TO EARTHQUAKES, TSUNAMIS & OTHER HAZARDS

George Pararas-Carayannis* (Tsunami Society International) Barbara Theilen-Willige (Berlin Univ. of Technology, Institute of Applied Geosciences), Helmut Wenzel (3VCE Holding GmbH)

13:00 W21 Tsunami Preparedness/Numerical Modeling

Veronica Cedillos, Ingrid Charvet Marine Room

13:00 1854

AN EVALUATION OF INFRASTRUCTURE FOR TSUNAMI EVACUATION IN PADANG, WEST SUMATRA, INDONESIA

Veronica Cedillos* (GeoHazards International) Nathan Canney (Stanford Univ.), Gregory Deierlein (Stanford Univ.), Scott Henderson (Tipping Mar), Febrin Ismail (Andalas Univ.), Andi Syukri (Andalas Univ.), Jason Toth (Stanford Univ.), Kelly Wood (Stanford Univ.)

13:17 1838

APPRAISAL OF THE 1790 ALBORAN TSUNAMI SOURCE IN THE WEST MEDITERRANEAN SEA AS INFERRED FROM NUMERICAL MODELLING: INSIGHTS FOR THE TSUNAMI HAZARD IN ALGERIA

Lübna Amir* (USTHB-FSTGAT) Armando Cisternas (Univ. of Chile)

13:34 **Not included in Proceedings***

DESIGN GUIDANCE FOR VERTICAL EVACUATION FROM TSUNAMIS

Michael Mahoney* (Federal Emergency Management Agency), Jon A. Heintz (Applied Technology Council)

13:34 1847

ANALYTICAL SOLUTIONS OF TSUNAMI WAVES INDUCED BY SEA FLOOR COLLAPSES; **K.T. Chau* (The Hong Kong Polytechnic Univ.)**

13:51 1848

ADVANCES IN PHYSICAL MODELLING OF NEARSHORE TSUNAMI WAVES & THEIR IMPACT USING A UNIQUE TSUNAMI GENERATOR

Ingrid Charvet* (UCL) Tiziana Rossetto (UCL), William Allsop (HRWallingford), Tristan Lloyd (UCL), Tristan Robinson (UCL), David Robinson (HRWallingford)

14:07 1851

A GEOMETRIC MODEL FOR PROPAGATION OF TSUNAMI WAVES

Swedaranam Rajasekaran* (B S Abdur Rahman University) E Syed Mohamed (B S Abdur Rahman Univ.)