



5th International Tsunami Field Symposium
Lisbon, 3-7 September 2017

Programme

Lisbon, 4th – 5th September 2017

Oral and Poster Sessions



Room 6.2.53	Hour	Authors	Presentation title
	9h00		Welcome Session (Faculdade de Ciências Director, IDL Director and Departamento de Geologia Director)
Keynote	9h30	Alastair Dawson	Tsunami geoscience: an interdisciplinary perspective
Conveners: Org. Committee	10h00	<i>W. Szczucinski et al.</i>	Sedimentary record of tsunami on polar coasts: 2000 AD landslide-generated tsunami in Vaigat Strait, West Greenland
	10h20	<i>B. Jaffe et al.</i>	Evidence of Tsunamis and Storms in a Coastal Mangrove Pond, NW Puerto Rico
COFFEE BREAK 10h40/11h10			
Conveners:	11h10	<i>D. Brill et al.</i>	Extreme wave deposits at Myanmar's coast – New insights into long-term tsunami and cyclone hazard in the Bay of Bengal?
R. Paris	11h30	<i>E. Boes et al.</i>	A long record of extreme wave events in coastal Lake Hamana, Japan
& E. Garret	11h50	<i>P. Bellanova et al.</i>	Organic geochemical investigation of far-field tsunami deposits of Hawaii
	12h10	<i>A. Hipólito et al.</i>	The 1755 tsunami in Terceira Island (Azores): nannoliths as a marine tracer in the recognition of tsunami deposits
LUNCH BREAK 12h30/14h00			
	14h00	<i>K. Reicherter et al.</i>	Results from a multi-method sediment analysis of pre- and late-Roman deposits: Tsunami sediments in Baelo Claudia and surroundings (southern Spain)
Conveners:	14h20	<i>A. Voett et al.</i>	Tracing historical tsunami signatures at the Gulf of Kyparissia (Peloponnese, Greece) using Direct Push in situ sensing techniques combined with geophysical studies
W. Szczucinski	14h40	<i>S. Dawson et al.</i>	Conceptualising the British landslide-tsunami geohazard: sedimentary evidence of Holocene tsunami events in the Shetland archipelago
& H. Bruckner	15h00	<i>E. Garret et al.</i>	Did a tsunami accompany the 1737 Chilean earthquake? Contrasting evidence from historical records and coastal sediments
	15h20	<i>T. Berndt et al.</i>	Magnetic dating of floods
	15h40	<i>S.M. May et al.</i>	OSL surface exposure dating of wave-emplaced coastal boulders – first results from the Rabat coast, Morocco
COFFEE BREAK 16h00/16h30			
	16h30	<i>A. Smedile et al.</i>	A natural laboratory for offshore paleotsunami studies: The Augusta Bay case study (Eastern Sicily-Italy)
Conveners:	16h50	<i>J. Lario et al.</i>	Holocene Extreme Wave Event in Cope Basin, Spain, Western Mediterranean
G. Mastronuzzi	17h10	<i>M. Yamada et al.</i>	Geological Evidence for Tsunamis and Crustal Movements associated with Intraplate Earthquakes in Beppu Bay, Japan
& S. Dawson	17h30	<i>T. Inoue et al.</i>	Paleotsunami history at northern Sanriku coast of Japan – Possible evidence of the northern extent of the AD 869 Jogan tsunami
	17h50	<i>Milela & Mastronuzzi</i>	Evaluation of waves flooding: a new methodological approach

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Authors	Poster title
<i>Alvarez</i>	Tsunamis in the Iberian Peninsula during Antiquity: the historical sources
<i>El-Moussaoui et al.</i>	How can tide variations affect the tsunami vulnerability of coastal buildings? The case Study of Northern Atlantic Asilah-Morocco
<i>Gutierrez et al.</i>	Difficulties in the recognition and interpretation of paleo- and historical tsunami deposits in the Andalusia Atlantic coast (Cadiz, SW Spain)
<i>Heddar et al.</i>	Tsunamigenic evidences along the algerian coast
<i>Karao et al.</i>	Numerical Analysis of Tsunami Wave Force Acting on a Seawall – Considering the Effect of the Obstruction
<i>Madeira et al.</i>	Tsunami inundation of Santiago Island (Cape Verde): distribution and characterization of the correlative deposits
<i>Ramalho et al.</i>	Fields of stranded megaclasts as potential evidence for tsunami inundation in Sal Island (Cape Verde)
<i>Rixon et al.</i>	Multiple dating approach (14C, 230Th/U and 36Cl) of tsunami-transported reef-top boulders on Bonaire (Leeward Antilles) – Current achievements and challenges
<i>Soares et al.</i>	Human occupation at the Boca do Rio paleo-estuary (Vila do Bispo, Algarve, Portugal)
<i>Sugimoto & Honda</i>	Were both the 2004 Sumatra tsunami and the 2016 Kumamoto earthquake natural warning?
<i>Nigg et al.</i>	Tsunami layers in a continental setting at the coast of peri-alpine lakes in Switzerland
<i>J. Oetjen et al.</i>	Physical modelling of tsunami-induced boulder transport
9h00-18h00	Posters will be exhibited on the FCUL C6 Building inner garden



Room 6.2.53	Hour	Authors	Presentation title
Keynote	9h00	Raphael Paris	A 30-year perspective on tsunami deposits
Conveners: B. Jaffe & M. Engel	9h30	<i>D. Tappin</i>	Megatsunami Generation from Landslides on oceanic volcanic Islands: insights from coarse-grained clastic deposits on the Hawaiian and Canary Islands
	9h50	<i>R. Ramalho et al.</i>	Evidence for megatsunami inundation on SE Santiago Island (Cape Verde) – the field of megaclasts of Ponta do Lobo
	10h10	<i>B. Richmond et al.</i>	Finding deposits of historic and prehistoric tsunamis in the hawaiian islands
COFFEE BREAK	10h30/11h00		
	11h00	<i>M. Engel et al.</i>	Megaclasts along the north coast of Eastern Samar (Philippines) – Implications for Holocene extreme-wave events
Conveners: D. Tappin & B. Richmond	11h20	<i>Hoffmeister et al.</i>	Annual low-cost UAV monitoring of dislocated boulders in Greece
	11h40	<i>J. Madeira et al.</i>	Tsunami deposits from the Island of Maio (Cape Verde): paleocurrent markers and basal erosion features
	12h00	<i>S. Ávila et al.</i>	Glacial-age tsunami deposits prove the tropical-ward geographical range expansion of marine cold-water species
	12h20	<i>D. Mottershead et al.</i>	Storm or tsunami? Or Storm and tsunami? Boulder transport histories on the shoreline of Malta
LUNCH BREAK	12h40/14h00		
	14h00	<i>N. Nandasena</i>	Revisiting dimensionless coefficients of boulder transport equations: a small-scale experimental investigation on coefficient of lift
Conveners: G. Gelfenbaum & M.A. Baptista	14h20	<i>J. Hill</i>	The interaction of tides and tsunami
	14h40	<i>M. Watanabe et al.</i>	Factors controlling distribution of storm deposits: Numerical modeling of the sediment transport during Typhoon Haiyan
	15h00	<i>V. Gusiakov & T. Pinegina</i>	Significance of paleotsunami deposits for tsunami hazard assessment in the Kuril-Kamchatka region
	15h20	<i>I. Galindo et al.</i>	A tsunamite in the Canary Islands caused by a distant earthquake
	15h40	<i>A. Strusinka-Correia et al.</i>	Transport characteristics of coarse clasts under tsunami-bore conditions based on large-scale model experiments
COFFEE BREAK	16h00/16h30		
Conveners: R. Paris & R. Ramalho	16h30	<i>T. Ishizawa et al.</i>	Probabilistic regional correlation of tsunami deposits along the Pacific coast of Tohoku, Japan
	16h50	<i>B. Snelling & M. Piggott</i>	Exploring the effects of submarine slide aspect ratio and rheology on tsunami characteristics
	17h10	<i>P. Fago et al.</i>	14C Dating and boulder deposits along the rocky coast of the Mediterranean Sea: a review
	17h30	<i>T. Arikawa et al.</i>	Consideration of Tsunami Source of Lisbon Earthquake in 1755
	17h50		Final Remarks (5th ITFS Organizing Committee)

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Authors	Poster title
<i>Cascalho et al.</i>	Relevance of heavy minerals in sandy tsunami deposits
<i>Chague-Goff et al.</i>	Tsunami geochemistry – a review and progress 30 years on
<i>Dourado et al.</i>	Record of transatlantic tsunami impacts in Brazil
<i>El-Talibi et al.</i>	Evidence for an extreme marine inundation event on the Tahaddart estuary and Sidi Kacem coastal plain (Tangier, Moroccan Atlantic coast)
<i>Fago et al.</i>	The Webgis on the sea storm of the Mediterranean basin: a dataset for coastal dynamics knowledge
<i>Garrett et al.</i>	Historical extreme wave and landslide deposits on the Shirasuka coastal lowlands, Shizuoka Prefecture, Japan
<i>Kempf et al.</i>	Geological evidence for extreme wave events on a coastal lowland facing the Tōkai segment of the Nankai-Suruga Trough
<i>Lario et al.</i>	Pre-classic Mayan Extreme Wave Event in eastern Yucatán, Mexico
<i>Moreira et al.</i>	Contribution of high-resolution geochemical and grain-size analysis for a better knowledge of the AD 1755 tsunami deposit at Salgados Lagoon
<i>Riou et al.</i>	Records of the 2009 South Pacific Tsunami in the Pago Pago Bay, Tutuila Island, American Samoa
<i>Smedile et al.</i>	High energy events in the Holocene stratigraphy: the Astarte EU Project Siracusa test site case study, SE Sicily, Italy
<i>Tudor et al.</i>	Insights of the AD 1755 Lisbon tsunami in the estuary of the Alcabrichel River (Portuguese western coast)
<i>Venancio et al.</i>	High-resolution textural analysis of the AD 1755 tsunami deposits –comparison of grain-size methods
9h00-18h00	Posters will be exhibited on the FCUL C6 Building inner garden