

International Innovation Workshop on Tsunami, Snow Avalanche and Flash Flood Energy Dissipation Oct. 20&21, 2014, Chamonix, France

Sunday, October 19

Aiguille du Midi 11:00 - 15:00
19:00 Dinner at Caleche Restaurant

Monday, October 20

Introduction (9:30 - 12:00): at Majestic Congress Centre

Chairperson	Prof. NOE
9:30-10:00	Welcome address and Introduction about the workshop Mr. Claude JACOT, Deputy Mayor of Chamonix Prof. Jean-Yves CAVAILLE, INSA-Lyon Prof. Fumihiko IMAMURA, Tohoku University
10:00-10:30	Prof. Tetsuo SHOJI, Tohoku University <i>"Background and Introduction of the Workshop 2014"</i>
10:30-11:00	Coffee Break
11:00-11:10	Prof. Sadayoshi ITO, Executive Vice-President of Tohoku University
11:10-12:00	P1: Prof. Carmen de JONG, Universite de Savoie <i>"The role of society in flood risk assessment and disaster resilience in mountains"</i>
12:00-13:20	Lunch at Atmosphere Restaurant

Risks and Society (13:20 – 15:15)

Chairpersons	Prof. TAKAHASHI & Dr. LITRICO
13:20-14:10	P2: Prof. Henry DICKS, Industrial Chair Lyonnaise des Eaux & Universite de Lyon <i>"Philosophy, Society, and Tsunamis: Reciprocal Influences"</i>
14:10-15:00	P3: Prof. Keiichi NOE, Tohoku University <i>"Science and Technology after 3.11: From a philosophical point of view"</i>
15:00-15:15	Coffee Break
15:15 - 17:00	Visit of the avalanche barrier of Taconnaz

Detection & Alert (17:00- 17:50)

Chairperson	Dr. HANZAWA
17:00 -17:50	P4: Prof. Fumihiko IMAMURA, Tohoku University <i>"Future of the Tsunami Warning system using a real time observation network - lessons from the 2011 East Japan earthquake"</i>

Open session (18:00 - 19:15): at Bicentenaire Room (Movie)

Chairperson	Dr. HANZAWA
18:00-19:15	P5: Prof. Cyril HARPET, <i>Presentation and projection of the movie "Sentinel Animals" produced by Mona-Lisa Production (http://www.monalisa-prod.com/vi/index.php)</i>
19:15	Welcome Reception and Banquet at Cap Horn Restaurant

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Tuesday, October 21

Hydrodynamics and Mitigation devices (8:00 - 14:10): at Majestic Congress Centre

Chairpersons	Mr. FERRARO & Prof. SHOJI
8:00-8:50	P6: Prof. Sergei FOMIN, California State University, Chico <i>"Influence of underwater barriers on distribution of tsunami waves"</i>
8:50-9:15	G1: Prof. Jun ISHIMOTO, Tohoku University, <i>"Supercomputing of tsunami damage mitigation by offshore mega floating structures"</i>
9:15-9:40	G2: Prof. Nicolas RIVIERE, INSA-Lyon <i>"Vehicles during extreme floods"</i>
9:40-10:10	Coffee Break - Poster Session (Mr. Shusaku Kon, Tohoku University)
Chairpersons	Prof. ISHIMOTO & Prof. de JONG
10:10-11:00	P7: Prof. Mohamed NAAIM, IRSTEA, Grenoble <i>"Avalanche dynamics, impact pressure and defense structures effects"</i>
11:00-11:25	G3: Prof. Alain COMBESURE, INSA-Lyon <i>"Non-intrusive code coupling for large shell motions and failure in case of fluid-structure interaction"</i>
11:25 – 12:15	P8: Dr. Jean BARBAUD - EDF SEPTEN <i>"Protection of French Nuclear Power Plants against flooding risks"</i>
12:15-13:20	Lunch at Atmosphere Restaurant
Chairpersons	Prof. FOMIN & Prof. COMBESURE
13:20-13:45	G4: *Mr. MORONI (SEPTEN, EDF DIN) & Mr. Giovanni FERRARO <i>"Flood emergency preparedness on French EDF's nuclear sites"</i> Mr. G. FERRARO (EDF/DPN) <i>"EDF SA Post Fukushima action plan"</i>
13:45-14:10	G5: Dr. Minoru HANZAWA, Fudo Tetra Corporation (Structures and Materials for Tsunami Energy Dissipation) <i>"Resilient Structure of Composite Breakwater From The Viewpoint of Stability of Armor Units Covering Rubble Mound Against A Steady Overflow of Tsunami"</i>

*Not presented at the workshop.

Crisis Management (14:10 – 15:55)

Chairpersons	Prof. OZAWA & Prof. DICKS
14:10-14:35	G6: Mr. Christian DARES, <i>"Avalanche as an accident, Avalanche as disaster"</i> Mr. Bonini, <i>"Chamonix Mont-Blanc Laboratory of Risk"</i>
14:35-15:00	G7: Prof. Makoto TAKAHASHI, Tohoku University <i>"Constant Sense of Unease -Insight from Resilience Engineering -"</i>
15:00-15:30	Coffee Break
15:30-15:55	G8: Dr. Xavier LITRICO, Dir. of LYRE, R&D Lyonnaise des Eaux : <i>"Management of flooding risk: the use of sensors and actuators to manage a stormwater Network"</i>

Reconstruction of damaged areas (15:55– 16:45)

Chairperson	Prof. NAAIM
15:55-16:45	P9: Prof. Yoshihito OZAWA, Vice President of Fukushima University <i>"Present Situation of Reconstruction in Damaged Areas following The Great East Japan Earthquake Disaster on 2011.03.11"</i>

Round Table (16:45 – 18:30)

16:45 – 18:30	Prof. Hiroo YUGAMI, Tohoku University <i>"Inter-Graduate School Doctoral Degree Program on Science for Global Safety"</i> Summary by Prof. Imamura and Discussion
19:00	End of the workshop & Dinner at Restaurant Le Vista