

**International Innovation Workshop on
Tsunami, Snow Avalanche and Flash Flood Energy Dissipation
January 21-22, 2016, Maison Villemanzy in Lyon, France**

Thursday, January 21, 2016

Introduction

Chairperson	Prof. Jean-Yves CAVAILLE
14:00-14:15	Welcome addresses and Introduction to the workshop Prof. Jean-Yves CAVAILLE, INSA-Lyon, UL Prof. Tetsuo SHOJI, Tohoku University Prof. Jan MATAS, Université de Lyon
14:15-14:45	Prof. Tetsuo SHOJI, Tohoku University "Background and Introduction of the Workshop 2016"
14:45-15:30	Prof. Shigenao MARUYAMA, Tohoku University, Plenary lecture "LAPUTA project Creating Forest in Ocean Desert Using the Perpetual Salt Fountain"
15:30-16:00	Coffee Break

Wave modeling, Energy Dissipation Mechanisms & Structural Design

Chairperson	Prof. Tetsuo SHOJI
16:00-16:30	Prof. Sergei FOMIN, California State University, Chico , General communication "Mathematical modeling of the tsunami dynamics"
16:30-17:15	Prof. Thierry DAUXOIS, ENS - Université de Lyon, Plenary lecture "Large amplitude submarine tsunamis of the South China Sea: Realistic laboratory modeling"
19:00	Joint Banquet With the C2C workshop attendants

Friday, January 22, 2016

Fluid - Structure Interaction

Chairperson	Prof. Alain COMBESURE
08:00-08:30	Prof. Jun ISHIMOTO, Tohoku University, General communication "Supercomputing of Tsunami Damage Mitigation Using Offshore Mega-Floating Structures"
08:30-09:15	Prof. Hiroshi ASANUMA, Chiba University, Plenary lecture "Disaster Mitigation and Sustainable Engineering Based on Smart Structures"
09:15-10:00	Prof. Nicolas RIVIERE, INSA - Université de Lyon, Plenary lecture "Structure of inland flows impacting buildings: wall-jet vs. hydraulic jump" Université de Lyon, INSA Lyon, France
10:00-10:30	Coffee Break

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Damage and Mitigation Structures

Chairperson	Prof. Jun ISHIMOTO
10:30-11:15	Prof Alain COMBESURE, INSA - Université de Lyon, Plenary lecture "Severe damage induced by fast flows interacting with a solid" Université de Lyon, INSA Lyon, France
11:15-12:00	Dr. Pierre LABBE, EDF, Prof. ESTP – Paris Est, Plenary Lecture Compared effects of Earthquake, Tsunami and Aircraft Crash on Base-isolated Massive Structures
12:00-13:30	Lunch

Energy Dissipation and Disaster Minimization Design in General

Chairperson	Prof. Jean-Yves CAVAILLE
14:00-14:45	Prof. Mohamed NAAIM, National Research Institute of Science and Technology for Environment and Agriculture, Plenary lecture "Snow avalanche catching and deflecting dams design"
15:00-15:30	Coffee Break

Urban Design for Reconstruction of Community

Chairperson	Prof. Jean-Yves CAVAILLE
15:30-16:15	Prof. Kiyotake NAOE, Tohoku University, Plenary lecture "Risk and Responsibility"
16:15-17:00	Prof. Yoshihito OZAWA, Fukushima University, Plenary lecture "Present Situation of Reconstruction and Revitalization in Damaged Area after the Great East Japan Earthquake Disaster at 2011.03.11 and Accidents of Fukushima Daiichi NPS"
17:00-17:45	Prof. Carmen DE JONG, Université de Strasbourg, Plenary lecture "Flood resilient and eco-productive urban design along the Rhine" Strasbourg University, France

Other Topics Related to Energy Dissipation and Space Utilization

Chairperson	Prof. Jean-Yves CAVAILLE & Prof. Tetsuo SHOJI
18:00-19:00	Tetsuo SHOJI, Henry DICKS, Carmen DE JONG, ... Round table & Conclusion
	End of the workshop