

**Tsunami Energy Dissipation Workshop, Sept. 10-12, 2012**  
**Tohoku University, Sendai, Japan**  
**(Tentative)**

Monday, September 10

Aoba Memorial Hall

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| <b>09:00 – 9:40</b>  | Opening Addresses:<br>The Workshop Chairman, Prof. Fumihiko IMAMURA, Organizer Opening Address<br>The President of Tohoku University, Prof. Susumu SATOMI, Welcome Address<br>The President of University of Lyon, Prof. Michel LUSSAULT, Guest Speech<br>Director of Japan Society of Maintenology Tohoku/Hokkaido Branch,<br>Prof. Toshiyuki TAKAGI, Organzer Opening Address |
| <b>09:40 – 10:10</b> | Introduction about the workshop by Prof. Tetsuo SHOJI, Tohoku University  |
| <b>10:10-11:10</b>   | Prof. Fumihiko IMAMURA, Tohoku University<br>"Damage due to the tsunami of the 2011 Tohoku earthquake and simulation of its feature in the coast"   |
| <b>11:10 -11:30</b>  | <b>Coffee Break</b>   |
| <b>11:30 – 12:30</b> | Tsunami Guideline Report: Prof. Hidetoshi HASHIZUME, Tohoku University  |
| <b>12:30 – 14:00</b> | <b>Lunch</b>  |

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| <b>14:00- 15:00</b>  | Plenary 1: Prof. Pierre LABBÉ, EDF DIN<br>"Lessons learnt from seismic countermeasures in view of tsunami countermeasures"   |
| <b>15:00-15:30</b>   | <b>Coffee Break</b>  |
| <b>15:30-16:30</b>   | Plenary 2: Prof. Sergei FOMIN, California State University, Chico, USA<br>"Mathematical modeling of the tsunami run-up on a sloping beach" by Vladimir Chugunov (Kazan Federal University) and Sergei Fomin (California State University, Chico) |
| <b>16:30-17:30</b>   | Plenary 3: Dr. Badaoui ROUHBAN, UNESCO<br>"Disaster Reduction: Enhancing Interdisciplinary Approaches"   |
| <b>17:30-17:50</b>   | Presentation 1: Prof. Jun ISHIMOTO, Tohoku University,   |
| <b>18:30 - 20:00</b> | <b>Welcome Reception @Dock, Aobayama Campus</b>  |

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Tuesday, September 11

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| <b>08:30-09:30</b>   | Plenary 4: Prof. Michel LUSSAULT, President of University of Lyon<br>"Facing Urban Vulnerability" |
| <b>09:30 -10:30</b>  | Plenary 5: Prof. Thierry DAUXOIS, ENS-Lyon<br>"Nonlinear Large amplitude waves"                   |
| <b>10:30- 11:00</b>  | <b>Coffee Break</b>   |
| <b>11:00 -12:00</b>  | Plenary 6: Prof. Koji FUJIMA, National Defense Academy of Japan                                   |
| <b>12:00 – 13:00</b> | <b>Lunch</b>  |

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| <b>13:00-14:00</b> | Plenary7: Prof. Takashi SAKAJO, Hokkaido University   |
| <b>14:00-15:00</b> | Plenary8: Prof. Jacky MAZARS, Grenoble Institute of Technology<br>"Tsunami protection, a combination of different technical devices: Insights from the example of snow avalanche defense systems"<br>Authors: J. Mazars <sup>1</sup> , M. Naaim <sup>2</sup> , T. Faug <sup>2</sup><br>(1- Grenoble Institute of Technology – Grenoble France 2- IRSTEA (Cemagref) – Grenoble France) |
| <b>15:00-15:30</b> | <b>Coffee Break</b>   |
| <b>15:30-15:50</b> | Presentation 2: Prof. Shigeki SAKAI, Iwate University   |
| <b>15:50-16:10</b> | Presentation 3: Prof. Nicolas RIVIERE, INSA-Lyon<br>"Interaction between a supercritical open channel flow and a fixed obstacle"  |
| <b>16:10-16:30</b> | Presentation 4: Prof. Yves BRECHET (Grenoble-INP) and Prof. Jean-Yves CAVAILLE (INSA-Lyon + UCB-Lyon1)<br>"Materials and Structures for Energy dissipation"   |
| <b>16:30-16:50</b> | Presentation 5: Prof. Elisabeth CHARLAIX and Gerald VIGIER, INSA-Lyon + UCB-Lyon1<br>"Properties of Heterogeneous Hydrophobic systems: application to dumping and energy storage"   |
| <b>16:50-17:10</b> | Ms. Ann MASSON, TECHTERA<br>"Techtera, the French innovation cluster for textiles and flexible materials"   |
| <b>17:10-17:30</b> | TBA   |
| <b>18:00-19:30</b> | <b>Banquet @Aoba Memorial Hall</b>  |

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Wednesday, September 12

09:00 depart from Sendai Station, east Exit

11:00 Ishinomaki hiyoriyama kouen (inspection around the park, damaged area, debris processing)

11:30 Inspection of Ishinomaki-shi Kadowaki area

12:00 Lunch

13:30 Inspection of Onagawa Medical Center (coastal area, breakwater)

14:30 depart from Onagawa

16:30 Arrive at Sendai Station east Exit

\*This site visit is planned for the limited number of workshop attendees who has designated by Local Organizing Committee.