

## Workshop on Destruction: Mathematical Modeling of Tsunami Waves and Cracks Propagation

### - Session for Workshop on Destruction -

**Date: November 22, 2007**

**Place: Raiosha BLDG 2F, Large Conference Room  
Keio University Hiyoshi Campus**

#### **Speakers and Schedule :**

**10:00 - 11:00 Warwick Smith (GNS Science)**

“Methodology for a comprehensive assessment of tsunami risk,  
with results from a case study in New Zealand”

**11:00 - 12:00 Genta Ueno (The Institute of Statistical Mathematics)**

“Data assimilation research project at ISM and an application of the  
ensemble Kalman filter to an atmosphere-ocean coupled model”

**12:00 - 13:30 Lunch Break**

**13:30 - 14:20 Kazuyuki Nakamura (The Institute of Statistical Mathematics)**

“Estimation of boundary condition in tsunami simulation model using  
particle filter”

**14:20 - 15:10 Daisuke Inazu (The Institute of Statistical Mathematics)**

“Accuracy of regional oceanic tide model determined by bathymetric  
data in Southeastern Alaska”

**15:10 - 15:40 Tea Break**

**15:40 - 16:30 Shin'ya Nakano (The Institute of Statistical Mathematics)**

“Merging particle filter and its application to Lorenz models” and “Modeling  
of the inner-magnetospheric environment using the merging particle filter”

**16:30 - 17:30 Ryo Yoshida (The Institute of Statistical Mathematics)**

“Statistical inference of biological molecular network on genomic data assimilation”