

## Schedule for 4<sup>th</sup> KU-NCU-TIT Joint Student Seminar

**Time:** March 10, 2008

**Place:** E-117    Engineering Building No. 1

Time	Title and Speaker of Presentation
15:15-15:25	<b>Opening Ceremony</b> Chairman Tein            (NCU) Prof. Sawada              (KU) Prof. Morikawa          (TIT)
15:25-15:40	<b>Numerical investigation on gravity affecting wave propagation in low-rigidity medium</b> Yoshikazu Shingaki    (KU)
15:40-15:55	<b>A new spectral representation of strong motion earthquake data: Hilbert spectral analysis of Taipower building station, 1994-2006</b> Sheng-Chung Su        (NCU)
15:55-16:10	<b>Joint analysis of gravity and magnetism to detect a vertical structural boundary of ground</b> Chika Takahashi        (TIT)
16:10-16:25	<b>Shallow S-wave seismic reflection survey around the K-NET Anamizu site</b> Nozomi Kobayashi      (KU)
16:25-16:40	<b>Time-series movements of medium-scale bridges via Bayesian GPS measurement statistics</b> Yi-Chi Li                  (NCU)
16:40-16:55	<b>Sloshing behavior in cylindrical tank with the splitting wall</b> Daisuke Takabakate    (KU)
16:55-18:00	<b>Tour of NCU campus and Large Experimental Laboratory of Department of Civil Engineering</b>
18:30-20:30	<b>Welcome Banquet</b>



March 11, 2008

Place: E135 Engineering Building No. 1

Time	Title and Speaker of Presentation
09:00-09:15	<b>Characteristics of high resolution satellite image at different landuse units for detailed geomorphologic classification mapping</b> Kazunori ISHII (TIT)
09:15-09:30	<b>Application of elements refinement algorithm into kinematic source inversion method</b> Yayoi Ishii (KU)
09:30-09:45	<b>Nonlinear dynamic analysis of isolated bridge with unseating prevention devices</b> Po-Hung Chen (NCU)
09:45-10:00	<b>Seismic pounding of buildings considering material nonlinearity</b> Kabir Shakya (TIT)
10:00-10:15	<b>Study on seismic responses of quay wall modeled in centrifuge shaking table tests using Hilbert-Huang-Transform</b> Yu-Chen Wei (NCU)
10:15-10:30	<b>Torsional behavior of unbounded bar reinforced concrete columns</b> Shingo Kamimura (KU)
10:30-10:45	<b>Evaluation of the local behavior of high-strength concrete under cyclic loading by using image analysis</b> Yasutaka Noma (TIT)
10:45-11:00	<b>Study on uniaxial compression behavior of the confined concrete specimen</b> Yoshiki Sato (KU)
11:00-11:15	<b>Repair scheduling of damaged transportation infrastructure under uncertain information after earthquakes</b> Hsuan Wang (NCU)
11:15-11:30	<b>Residents` responses to the 2006 Central Java Earthquake</b> Rachma, Marcillia Syam (TIT)
11:30-11:35	Closing Ceremony Prof. Takahashi (KU) Prof. Chen (NCU)