

Mini-Workshop on Nonlinear Water Waves

- Date : December 12 (Fri), 2014
- Place : Department of Mathematics and Informatics, Ibaraki University
Mito campus, College of Science Bldg G, 4th floor, Room G414 (G4 seminar room)
... The route to Bldg G is shown on the campus map in page 2 of this PDF file.
- URL : http://murasige.sci.ibaraki.ac.jp/mini_WS_2014_12_12.html
- Organizer : Sunao Murashige (Ibaraki University, murasige@mx.ibaraki.ac.jp)

Program

- 10:00-10:50 Wooyoung Choi (New Jersey Institute of Technology)
Asymptotic models for surface waves based on unsteady Stokes expansion
- 11:00-11:50 Takeshi Kataoka (Kobe University)
Resonance theory of water waves in shallow-water limit
- Lunch*
- 13:30-14:20 Yoshimasa Matsuno (Yamaguchi University)
Hamiltonian formulation of the extended Green-Naghdi equations
- 14:30-15:20 Mitsuhiro Tanaka (Gifu University)
A numerical study on the energy transfer from surface waves to interfacial waves in a two-layer fluid system
- Coffee break*
- 15:50-16:40 Takuji Waseda (Tokyo University)
Third-order resonant wave interactions under the influence of random current field
- 16:50-17:40 Sunao Murashige (Ibaraki University)
Improvement of convergence of series expansion for water wave solutions

Route to College of Science Building G

