



3rd International Conference on **Violent Flows 2016**

9-11 March 2016 in Osaka, Japan

3rd International Conference on Violent Flows VF-2016

Date: 9-11 March 2016

Place: I-site Namba, Osaka, Japan

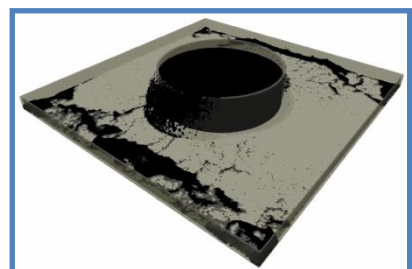
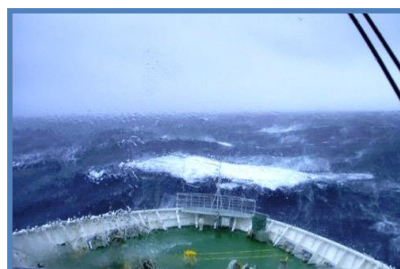
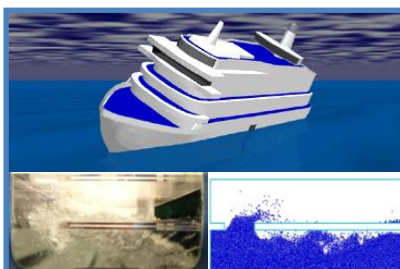
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The 3rd International Conference on Violent Flows will be held at I-site Namba (Osaka, Japan) in March 2016. The organizing committee is willing to provide with this conference a rich and friendly forum for discussing the latest achievements and stimulating further progress in research on strongly nonlinear hydrodynamics in all its aspects. The latter includes experimental and physical modeling dedicated to advanced numerical simulations with an emphasis on emerging immersive/interactive simulation techniques of violent flows, and their interactions with deformable structures.

Conference Topics:

- Green water on deck, wave impact
- Sloshing
- Slamming, whipping, springing
- Water entry, impact
- Fluid-structure interaction, multi-physics
- Structural deformation and vibration in waves/flows
- Nonlinear body motions in waves
- Air entrainment, multi-phase flows
- Tsunamis, Freak waves, wave breaking
- Violent flows in engineering
- Advanced experiments/measurements
- CFD verification & validation for violent flows



Conference Fee:

Full registration	50,000 JPY
Student registration	20,000 JPY
Accompanying person	10,000 JPY

Conference fee (full & student) includes proceedings, Banquet (March 10), lunch (March 9 and 11) and coffee

Online registration is available in the following web site.

<https://v3.apollon.nta.co.jp/vf2016>

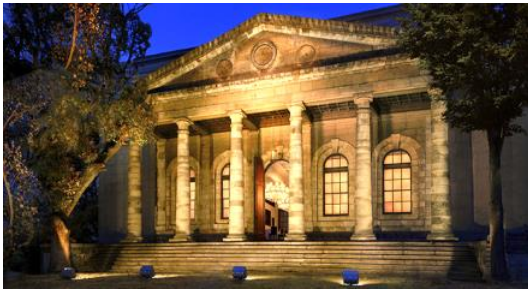


Keynote Lecture:

- **Prof. Hitoshi Gotoh**, Kyoto University, Japan, March 9
"Improved Particle Methods for Violent Free-Surface Flow Computation"
- **Prof. Frederick Stern**, The University of Iowa, USA, March 10
"Recent Progress in CFD for Naval Architecture and Ocean Engineering"
- **Prof. Kazuo Kashiwama**, Chuo University, Japan, March 11
"Eulerian and Lagrangian Approaches for Free Surface Flows Based on Stabilized FEM"

Banquet:

Conference banquet will be held on 10th March at Kyu Sakuranomiya Kokaido. It is registered as an important cultural property. All the participants can enjoy the banquet at no additional charge.



Additional information can be found in the website:

<http://violentflows2016.naoe.eng.osaka-u.ac.jp/>

