The Third Call For Papers

OpenFOAM® is the leading free, open source software for computational fluid dynamics, and other computational science and engineering. The annual OpenFOAM® Workshop is the most important and influential forum for researchers and users from universities, institutes as well as industries to promote collaborative activities and share recent advances on OpenFOAM® in many areas. It is an attractive community event opening to scientists, scholars, engineers, students, users and contributors, regardless of their background and avocations. In 2006, the 1st OpenFOAM® Workshop (OFW1) was held in Zagreb, Croatia. Since then it was held every year successively in Zagreb, Milan, Montréal, Gothenburg, Pennsylvania, Darmstadt, Jeju, Zagreb, Ann Arbor, Guimarães and Exeter, respectively. The coming 13th OpenFOAM® Workshop (OFW13) will be held in Shanghai, China, on June 24-29, 2018, and hosted and organized by Shanghai Jiao Tong University (SJTU), and co-organized by Journal of Hydrodynamics, Shanghai Key Laboratory of Ship Engineering, and State Key Laboratory of Navigation and Safety Technology. The event includes community-led training, conference presentations and posters, and mini-symposium (MS) of community day to bring together developers, modellers and users of all versions of the code for exchanging ideas and discussing future directions.

Workshop Themes

The scope of OFW13 will be broad, covering all issues related to OpenFOAM®. The topics of submitted abstract include but not limit to:

- Aerodynamics
- Block Coupled Solvers
- Civil Engineering
- Complex Materials
- Compressible Flows
- Disperse Multiphase Flows
- Fluid-Structure Interaction/Structural Analysis
- Free Surface Flows
- Fuel Cells
- General CFD
- Heat and Mass Transfer
- Lagrangian Methods
- Naval Hydrodynamics/Coastal/Offshore
- Nuclear
- Optimization and Control
- Phase Change
- Porous Media
- Poster Presentation
- Pre-Processing/Post-Processing/Meshing/User Environments
- Reacting Flows
- Sprays and Injection
- Teaching Session
- Turbomachinery
- Turbulence Modelling

Abstract Submission

Extended abstracts (no more than 4 pages using template) should be submitted through website pages: http://openfoamworkshop.org/submission/ or http://dcwan.sjtu.edu.cn/OpenFOAM2018/submission/

All abstracts will be peer reviewed and the accepted abstracts will be included in the OFW13 proceedings. Selected abstracts will be recommended their full papers for publication in special issues or columns of the following five journals: Ocean Engineering, Computers & Fluids, China Ocean Engineering, Journal of Hydrodynamics, Journal of Ocean Engineering and Science based on the regular journal review after the workshop.
**Important Dates**

- **Open submission of abstract**: Nov. 15, 2017
- **Deadline for abstract submission**: Mar. 31, 2018
- **Abstract submission extended to**: April 30, 2018
- **Notification of acceptance**: May 15, 2018
- **Tentative program**: May 15, 2018
- **Deadline for early registration**: May 15, 2018
- **Final program**: Jun. 15, 2018
- **Conference date**: Jun. 24-29, 2018

**Workshop Events**

- **Training day**: Jun. 25, 2018
- **Plenary and parallel sessions**: Jun. 26-27, 2018
- **Mini-symposium of community day**: Jun. 28, 2018

**Host and Organization**

- **Shanghai Jiao Tong University (SJTU)**
- **Journal of Hydrodynamics (JHD)**
- **Shanghai Key Laboratory of Ship Engineering (SKLSE)**
- **State Key Laboratory of Navigation and Safety Technology (SKLNST)**

**Co-Organizations**

- **Journal of Hydrodynamics (JHD)**
- **Shanghai Key Laboratory of Ship Engineering (SKLSE)**
- **State Key Laboratory of Navigation and Safety Technology (SKLNST)**

**Local Organizing Committee**

- Prof. Decheng Wan (OFW13 Chair) (SJTU)
- Prof. Zaojian Zou (SJTU)
- Prof. Renchuan Zhu (SJTU)
- Prof. Jiasong Wang (SJTU)
- Prof. Zuogang Chen (SJTU)
- Dr. Lu Zou (SJTU)
- Dr. Jianhua Wang (SJTU)
- Dr. Weiwen Zhao (SJTU)
- Prof. Liandi Zhou (JHD)
- Prof. Zheng Ma (JHD)
- Prof. Dongqiang Lu (JHD)
- Prof. Sheming Fan (SKLSE)
- Prof. Jinhao Wang (SKLSE)
- Dr. Wei Zhang (SKLSE)
- Dr. Chengliang Zhang (SKLSE)
- Prof. Guoxiang Dong (SKLNST)
- Dr. Weimin Chen (SKLNST)

**International Scientific Committee**

- Prof. Decheng Wan (Committee Chair) (Shanghai Jiao Tong University, China)
- Mr. Bernhard Gschaider (ICE Strömungsforschung GmbH, Austria)
- Prof. Eric Paterson (Virginia Tech, USA)
- Dr. Eugene de Villiers (Engys Ltd, UK)
- Prof. Francois Guibault École (Polytechnique de Montréal, Canada)
- Prof. Gavin Tabor (University of Exeter, UK)
- Prof. Gianluca Montenegro (Politecnico di Milano, Italy)
- Prof. Håkan Nilsson (Chalmers University of Technology, Sweden)
- Dr. Henriq Rusche (Wikki GmbH, Germany)
- Dr. Holger Marschall (Technische Universität Darmstadt, Germany)
- Prof. Hrvoje Jasak (University of Zagreb/Wikki Ltd, Croatia/UK)
- Prof. Kevin Maki (University of Michigan, USA)
- Mr. Martin Beaudoin (Hydro-Québec, Canada)
- Dr. Miguel Nóbrega (University of Minho, Portugal)
- Prof. Shin-Hyung Rhee (Seoul National University, South Korea)
- Prof. Zeljko Tukovic (University of Zagreb, Croatia)

**Registration Fee**

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<th>Category</th>
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<td>700 USD (4700 RMB)</td>
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**Sponsorship**

Sponsorship for OFW13 are welcome. For the details of sponsorship framework and information, please contact:  
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[http://openfoamworkshop.org/sponsors/](http://openfoamworkshop.org/sponsors/) or  