

# The Second Call For Papers



## The 13<sup>th</sup> OpenFOAM Workshop (OFW13)

June 24-29, 2018, Shanghai, China

<http://openfoamworkshop.org>

<http://dcwan.sjtu.edu.cn/OpenFOAM2018>



### Introduction

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 1<sup>st</sup> 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 13<sup>th</sup> 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 (JHD) and Shanghai Key Laboratory of Ship Engineering (SKLSE). The event includes community-led training, conference presentations, 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 (4 pages using template) should be submitted through the following 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 *Journal of Hydrodynamics*, *Journal of Ocean Engineering and Science*, *Computers & Fluids*, and *Ocean Engineering* based on the regular journal review after the workshop.

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## Important Dates

Open submission of abstract	Nov. 15, 2017
Deadline for abstract submission	Feb. 28, 2018
Abstract submission extended to	<b>Mar. 31, 2018</b>
Notification of acceptance	Apr. 20, 2018
Tentative program	May 15, 2018
Deadline for early registration	May 15, 2018
Final program	Jun. 15, 2018
Conference date	<b>Jun. 24-29, 2018</b>

## 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)

## Co-Organizations



Journal of Hydrodynamics  
(JHD)



Shanghai Key Laboratory of Ship  
Engineering (SKLSE)

## 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. Jinbao Wang (SKLSE)  
Dr. Wei Zhang (SKLSE)  
Dr. Chengliang Zhang (SKLSE)

## 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)  
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(Polytechnique de Montréal, Canada)  
Prof. Gavin Tabor (University of Exeter, UK)  
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(Chalmers University of Technology, Sweden)  
Dr. Henrik Rusche (Wikki GmbH, Germany)  
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(Technische Universität Darmstadt, Germany)  
Prof. Hrvoje Jasak  
(University of Zagreb/Wikki Ltd, Croatia/UK)  
Prof. Kevin Maki (University of Michigan, USA)

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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

The Registration fee covers all the meal expenses during the Workshop including the banquet.

Participants	Early Bird, 600 USD (4000 RMB)
	Regular, 700 USD (4700 RMB)
Students	Early Bird, 400 USD (2700 RMB)
	Regular, 500 USD (3300 RMB)
Accompany	500 USD (3300 RMB)

## Contact Information

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## Sponsorship

Sponsorship for OFW13 are welcome. For the details of sponsorship framework and information, please contact:

Dr. Weiwen Zhao  
Email: [panda.hust@gmail.com](mailto:panda.hust@gmail.com)  
<http://openfoamworkshop.org/sponsors/> or  
<http://dcwan.sjtu.edu.cn/OpenFOAM2018/sponsors/>

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