

# The Third Call For Papers



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

June 24-29, 2018, Shanghai, China

<http://openfoamworkshop.org>

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



### Introduction

OpenFOAM<sup>®</sup> is the leading free, open source software for computational fluid dynamics, and other computational science and engineering. The annual OpenFOAM<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup>. 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
<b>Abstract submission extended to</b>	<b>April 30, 2018</b>
Notification of acceptance	May 15, 2018
Tentative program	May 15, 2018
Deadline for early registration	May 15, 2018
Final program	Jun. 15, 2018
<b>Conference date</b>	<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)



State Key Laboratory of Navigation  
and Safety Technology (SKLNST)

## Local Organizing Committee

Prof. Decheng Wan (OFW13 Chair) (SJTU)  
Prof. Zaojian Zou (SJTU)

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

