

December 15, 2021

Call for Abstracts for ICCFD11

Dear Colleagues,

We are pleased to announce that despite the CoVID-19 related delays, the ELEVENTH INTERNATIONAL CONFERENCE ON COMPUTATIONAL FLUID DYNAMICS (ICCFD11) will be held on the beautiful island of Maui, Hawaii, 11-15 July, 2022.

This is the 11th ICCFD conference, a biennial event, since the merger of two important CFD conferences: the International Conference on Numerical Methods in Fluid Dynamics, ICNMF (since 1969), and the International Symposium on Computational Fluid Dynamics, ISCFD (since 1985). The first ICCFD conference was held in Kyoto, Japan in 2000. Since then, it has been held bi-annually—in Sydney, Australia in '02, Toronto, Canada in '04, Ghent, Belgium in '06, Seoul, South Korea in '08, St. Petersburg, Russia in '10, Hawaii, United States in '12, Chengdu, China in '14, Istanbul, Turkey in '16, and Barcelona, Spain in '18.

Abstracts

If you would like to submit an abstract, a one to two-page abstract is requested and must be submitted at submissions@iccf.org by 2 February 2022. No more than two papers with the same author or co-author will be accepted.

As it has been two years since the cancellation of the 2020 ICCFD due to the COVID pandemic, we are asking that all parties submit a fresh abstract. However, if you want to use the abstract you already submitted, please contact us at submissions@iccf.org to let us know.

Scope

ICCFD11 is devoted to all innovative aspects of CFD, basic and applied. Subjects of interest include, but are not limited to:

- * Innovative algorithm development for flow simulations: higher-order methods, iterative methods, parallel algorithms, mesh adaption, grid generation, meshless methods, immersed boundary methods, level-set methods, data-driven modeling, and machine learning.
- * Advances in modeling of flow physics in the areas of: steady and unsteady flows, compressible and incompressible flows, flows in porous media, hypersonic and reacting flows, turbulence (transition, DNS/LES, etc.), multi-phase flows, boundary layer stability, and vortex dynamic.
- * Advanced multidisciplinary applications using the above-mentioned technologies: aeroacoustics, flow control, biomedical fluid mechanics, large scale applications, verification and validation methods, and turbomachinery.
- *History of CFD, and CFD education.



COVID-19

With COVID-19 in decline around the world, we are expecting to be able to have the conference in-person. However, if the pandemic begins to worsen, we may be forced to have a virtual conference.

Venue

ICCFD11 will be held at the beautiful Royal Lahaina Resort as the venue. Located on oceanfront Lahaina, Maui, Hawaii this resort offers some spectacular views of the ocean, along with an excellent facility to host this important international conference. The conference rate for a hotel room will be \$249+tax. We will send hotel reservations link for the conference rates as soon as it is available.

<https://www.royallahaina.com/>

Plenary Speakers

We have the following confirmed speakers for plenary sessions for you.

David Zingg, University of Toronto, Canada

Makoto Tsubokura, RIKEN Center for Computational Science, Kobe University, Japan

Sanjeeva Lele, Stanford Univ., USA

Graham Candler, University of Minnesota, USA

Stephane Zaleski, Sorbonne Université, France

Registration – registration will open on 4 April, 2022

Technical Attendee - **Early Bird**: \$650, before 31 May, 2022

Late fee: \$750 after 31 May, 2022

Registration includes: Five days of technical program attendance, morning coffee, lunches Monday – Thursday, Welcome Reception and Maui Luau for each attendee.

Student Registration:

\$375 before 31 May, 2022

\$400 after 31 May, 2022

Student registration does not include reception and banquet.

Additional tickets are available for guests to attend reception and luau. Cost for these events are: \$45 for Welcome Reception, \$100 for Banquet.

Important Dates

Abstract Submission Deadline: 2 February, 2022

Notification of Acceptance: 18 March, 2022

Early Registration Opens: 4 April, 2022

Early-bird Registration Closes: 31 May, 2022

Final Paper Submission Deadline: 10 June, 2022

VISA to the U.S.A



If you need a formal sponsor letter from ICCFD for a visa to the USA, please request one now and start your visa paperwork ASAP.

We hope to see you all in Maui, Hawaii in July 2022.

ICCFD11 Conference Co-Chairs:

Shishir Pandya, Ph.D., NASA Ames Research Center

Christoph Brehm, Ph.D., University of Maryland

