



# 9<sup>th</sup> International Conference on Computational Fluid Dynamics

July, 11-15, 2016, Istanbul, Turkey



PCO TOURISM & ORGANIZATION  
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## CALL FOR PAPERS

### ICCFD9 2016 Conference

ICCFD, a biennial event, is the merger of two important CFD conferences: the International Conference on Numerical Methods in Fluid Dynamics, ICNMF (since 1969) and International Symposium on Computational Fluid Dynamics, ISCFD (since 1985). The first ICCFD conference was held in 2000 in Kyoto, the second in 2002 in Sydney, the third in 2004 in Toronto, the fourth in 2006 in Ghent, the fifth in 2008 in Seoul, the sixth in 2010 in St. Petersburg, the seventh in 2012 in Hawaii, the eighth in 2014 in Chengdu, and the ninth conference, ICCFD9, will be held in Istanbul, Turkey in July 11-15, 2016.

### Scope

ICCFD9 is devoted to all innovative aspects of CFD, basic and applied. Subjects of interest include but are not limited to:

- **Innovative algorithm:** Higher-order methods, Implicit iterative methods, Parallel algorithms, Grid generation/adaptation, Alternate meshing methods, Meshless methods, Immersed boundary methods, Level-set methods, Smooth Particle Hydrodynamics (SPH), Lattice Boltzman methods, Verification & Validation methods
- **Advances in modeling of flow physics:** Steady/unsteady flows, Compressible/incompressible flows, Flows in porous media, Shock waves, Hypersonic flows, Combustion/Reacting flows, Non-Newtonian flows, Rarefied flow, Instability/transitional flow, Turbulence modeling, DNS/LES, Boundary layer stability, Vortex dynamics, Multi-phase/Multiphysics flows,
- **Advanced multidisciplinary applications:** Aeroacoustics/Noise, Turbomachinery, Flow control, Fluid-structure interaction, Multidisciplinary optimization, Bio-medical fluid mechanics, Bio-fluid dynamics, Environmental fluid mechanics, MHD/Space applications, Large scale applications, GPU based applications
- **History of CFD**

### Venue

ICCFD9 will be held at Grand Cevahir Hotel, Şişli, Istanbul. Grand Cevahir is Turkey's first 5 stars congress hotel and by way of its impeccable principles has really made a difference in the sector. The hotel's congress hall is the biggest in Europe. The hotel is located at one of the business centers of Istanbul and is very close to downtown, Nişantaşı, Taksim and the historical Sultanahmet Area. Hotel has free roundtrip shuttle service to nearby metro station, providing convenient urban transportation network.

*Let us meet all in the breath taking city of Istanbul where old meets new and modern meets history; a really inspiring city!*

### Important dates

- Submission of Abstracts\*.....30 January 2016
- Notification of Acceptance.....17 April 2016
- Early Registration.....1 May-30 June 2016
- Submission of papers\*\* .....1 July 2016

\*Abstracts must be 1-2 pages in length, no more than 2 papers with the same author or co-author will be accepted

\*\* Submission procedure, abstracts and paper templates are available at: [iccf9.itu.edu.tr](http://iccf9.itu.edu.tr)

### Paper submission

- A PDF version of the final accepted paper up to 25 pages will be published online
- A selected number of papers from the conference will be chosen to be peer-reviewed and published in a book
- Some selected papers will be recommended to a selected journal



### Conference Co-Chairs

**Alim Rüstem ASLAN** (Space Systems Design and Test Laboratory, Istanbul Technical University)

**Ayşe Gül GÜNGÖR** (Fluid Mechanics Research Center, Istanbul Technical University)

**İlyas Bedii ÖZDEMİR** (Fluids Group, Istanbul Technical University)



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