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# 12<sup>th</sup> International Conference on Computational Heat, Mass and Momentum Transfer ICCHMT 2019

03-06 SEPTEMBER 2019

ROME

Rome is the capital of Italy and one of the most beautiful cities of Europe. It is an historical city that traces its origin in 753 a.C. and it was the capital of the biggest empire ever. That's why it is known as the eternal city and its cultural heritage finds no equals.



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Rome, Italy  
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## Key dates

- 01 Dec 2018 - 12 Mar 2019** - Abstract submission
- 01 Apr 2019** - Notification of acceptance
- 15 Apr 2019 - 15 May 2019** - Manuscript submission
- 15 May 2019 - 15 June 2019** - Manuscript review
- 15 July 2019** - Final paper submission
- 19 Aug 2019** - Publication of the conference programme

All papers, presentations and posters should be written in English. Instructions for authors can be found on the conference website. Full papers will be recommended to publication in Special Issues of ISI Journals.

## Registration fee

### Registration fee (before 01.08.2019)

Regular	550 EUR
PhD Student	400 EUR

### Registration fee (after 01.08.2019)

Regular	600 EUR
PhD Student	450 EUR

### Accompanying person fee 200 EUR

The registration fee covers:

- Participation in plenary and poster sessions,
- Conference proceedings,
- Meals, coffee breaks,
- Social programme

## Objective

Computational techniques and methods are evolutionary field from macroscopic-level to nano-level, using continuum and discrete mechanics. It is necessary for scientist and engineers to come together every two years in a relaxed environment to discuss new ideas and developments in the area of computational methods and applications, especially in the topic of fluid dynamics, heat and mass transfer in non-reactive and reactive processes. Also, it is good opportunity for new scientist and engineer to explore the art of computational methods.

## Conference History

- 1999 - Cyprus
- 2001 - Rio De Janeiro, Brazil
- 2003 - Banff, Canada
- 2005 - Paris, France
- 2007 - Canmore, Canada
- 2009 - Guangzhou, China
- 2011 - Istanbul, Turkey
- 2015 - Istanbul, Turkey
- 2016 - Cracow, Poland
- 2017 - Seoul, Korea
- 2018 - Cracow, Poland

## Topics

Topics of the conferences are, but not limited to, the following:

- Advanced Numerical Methods
- Aeronautical and Space Applications
- Bio-Fluidics and Biomedical Engineering
- Bio-Inspired Flow and Heat Transfer
- Building-integrated Energy and Power Systems
- Complex Chemical Reaction Modeling
- Compressible Flows
- Computational Thermal Fluid Dynamics
- Convection and Buoyancy-Driven Flows
- Double Diffusive Convection
- Energy Saving Process
- Fluid Flow and Heat Transfer in Biomedical Devices and Biotechnology
- Fluid Machinery
- Granular Flows
- Heat and Mass Transfer in Energy Systems
- Heat and Mass Transfer in Manufacturing and Materials Processing
- Heat and Mass Transfer in Nuclear Applications
- Heat and Mass Transfer in Particle-Laden Flows
- Heat Exchangers / Heat Pipe
- Internal Flow and Heat Transfer
- Micro / Nano Heat and Mass Transfer
- Mixing Devices and Phenomena
- Multi-Phase Flows
- Optimization in Thermal Engineering
- Reactive Flows and Combustion
- Thermal Flow Visualization
- Thermal Fluid Machinery
- Thermal Heat Fluxes
- Transport Phenomena in Porous Media
- Urban energy Flows

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