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Kraków

Cracow

Kraków is one of the largest and oldest cities in Poland. Situated on the Vistula river in the Lesser Poland region, the city dates back to the 7th century. Cracow was the capital of Poland from 1038 to 1596. The earliest known settlement on the present site of Kraków was established on Wawel Hill, and dates back to the 4th century.



The Wawel Castle



The Cloth Hall on the main Krakow's Market Square

The dimensions of this largest Medieval square in Europe are 200m by 200m. Its size and authentic architectural and urban layout, preserved to this day, make it a unique place in the world.

[Kraków's promotional materials](#)



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Second Call for Papers

11th International Conference on Computational Heat, Mass and Momentum Transfer

*under the Honorary Patronage of the
Committee on Thermodynamics and
Combustion
and*

*under the honorary patronage of
prof. Jacek Majchrowski
Mayor of the City of Cracow*



Kraków, Poland
21.05 – 24.05 2018
www.icchmt2018.conrego.pl



Key dates

- 1 Oct 2017 - 28 Feb 2018** - Abstract submission
- 6 Mar 2018** - Notification of acceptance
- 1 Feb 2018 - 20 Mar 2018** - Manuscript submission
- 1 Mar 2018 - 13 Apr 2018** - Manuscript review
- 29 Apr 2018** - Final paper submission
- 1 May 2018** - Publication of the conference programme

Publication

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:

- Energy (IF 4.520),
- Applied Thermal Engineering (IF 3.634),
- Heat Transfer Engineering (IF 1.235),
- Thermal Science (IF 1.093),
- Journal of Thermal Science (IF 0.678),
- Progress in Computational Fluid Dynamics (IF 0.58).

Registration fee

Registration fee (before 01.04.2018)

Regular	450 EUR	1800 PLN
PhD Student	400 EUR	1600 PLN

Registration fee (after 01.04.2018)

Regular	550 EUR	2200 PLN
PhD Student	450 EUR	1800 PLN

Registration On-Site

Regular	600 EUR	2400 PLN
PhD Student	450 EUR	1800 PLN

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, South Korea

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
- Complex Chemical Reaction Modeling
- Compressible Flows
- Convection and Buoyancy-Driven Flows
- Double Diffusive Convection
- Fluid Flow and Heat Transfer in Biomedical Devices and Biotechnology
- Fluid Machinery
- Granular Flows
- 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
- Steam and Gas Turbines
- Technology for Renewable Energy Sources
- Thermal Flow Visualization
- Thermal Fluid Machinery
- Transport Phenomena in Porous Media
- Waste Management and Waste Disposal
- Any Other Related Topics



**Cracow University
of Technology**



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- IC²HM²T European Chair: Prof. Ali Cemal Benim
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