



**Call for Papers**  
abstract due July 15, 2008

## 6<sup>th</sup> International Conference on Computational Heat and Mass Transfer

[www.enme.ucalgary.ca/conferences/6icchmt09](http://www.enme.ucalgary.ca/conferences/6icchmt09)

**Guangzhou, China,  
May 18-21, 2009.**

Guangzhou is located in south China  
(about an hour by train from Hong Kong).



### Conference History

2009 – Guangzhou, China  
2007 – Canmore, Canada  
2005 – Paris, France  
2003 – Banff ; Canada  
2001 – Rio de Janeiro, Barzil  
1999 – Nicosia, Cyprus,

### 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. Also, it is good opportunity for new scientist and engineer to explore the art of computational methods.



### Deadlines/Submission

**One page abstract due July 15, 2008**

By electronic submission to:

[ICCHMT@gmail.com](mailto:ICCHMT@gmail.com)

After a reviewing procedure, selected paper will be published both on a edited proceeding and a CD. High quality papers will be selected for international publication in several relevant journals, subject to review, published in special (or regular) issues, see the website for details

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### Contacts

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## Topics

Paper on all aspects of CFD/CHMT both fundamentals and applied, will be welcome.

The main topics are :

- Recent developments on Navier Stokes solvers
- Validation of computational methods
- Multi-phases, gas-liquid, liquid-solid, etc.
- Solidification and melting
- Complex chemical reaction modeling
- Reactive Flows and Combustion
- Internal Flow and Heat Transfer
- Double diffusive convection
- Microgravity Sciences and Processes
- Transport in Porous Media
- CHMT in civil engineering
- Computational Environmental Engineering
- Energy Systems
- Real time control for industrial heat transfer
- Inverse Problems and optimization
- Cellular automata and Boltzmann methods
- Molecular Dynamics
- Biomedical, Micro and Nano systems
- High temperature and plasma processes
- Classical problems also welcome...

### Mini-symposia/Open forums will be organized

In order to dress the state of the art on specific subjects and innovative approaches

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## International Scientific Committee<sup>1</sup>

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## Registration

	Before 5/01/09	After or On Site
Standard	\$450 USD	\$500 USD
Student	\$300 USD	\$350 USD

