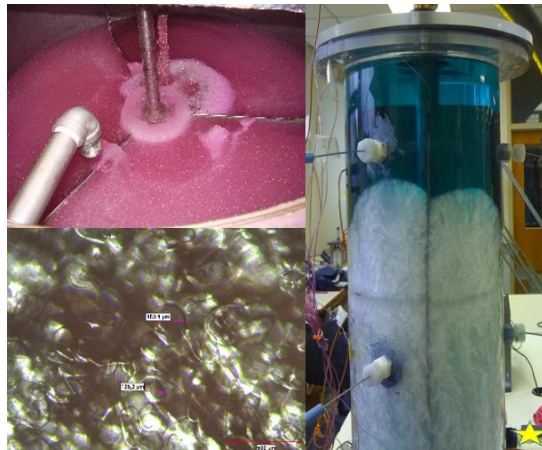




UNIVERSITÉ DE
SHERBROOKE

12th IIR Conference on Phase Change Materials and Slurries for Refrigeration and Air Conditioning



★ Laboratory of Applied Multiphase Thermal Engineering (LATME)

Orford, Québec, Canada

21st – 23rd of May 2018

<http://pcm2018.evenement.usherbrooke.ca/>

Canada

ORGANISATION

The 12th edition of the *IIR Conference on Phase Change Materials and Slurries for Refrigeration and Air Conditioning* is organized jointly by IIR, the mechanical engineering department at Université de Sherbrooke, Laboratoire des Technologies de l'Énergie (Hydro-Québec, Shawinigan) and Natural Resources Canada (CanmetEnergy, Varennes).

LOCATION

The conference will be held in Orford, a famous ski station in the Eastern townships of Québec, known also for its natural park and plenty of enjoyable outdoor activities. Orford is easily accessible from the Pierre-Elliott-Trudeau international airport of Montreal (90 min) and is close to Sherbrooke. The conference will be hosted by the arts center *Orford Musique*, which offers all the necessary infrastructure for a successful conference.



INFORMATION

Sébastien Poncet, Université de Sherbrooke
Tél. : 819-821-8000 ext. 62150
Fax : 819-821-7163
Email : pcm2018@USherbrooke.ca

REGISTRATION

Online through the website of the conference:
<http://pcm2018.univ-sherbrooke.ca/registration>
or eventually through the form available on the website to be sent to the organizers:
pcm2018@usherbrooke.ca

OBJECTIVES

The objective of the conference is to highlight recent advances in the field of slurries and phase change materials for industrial and building applications. It will be a forum of exchange between academics and companies. Students will have the opportunity to present their results in front of world-wide specialists.

MAIN TOPIC

Phase Change Materials and Slurries

Related topics are considered :

- _ Thermal, mechanical and physical properties
- _ Heat and mass transfer
- _ Synthesis / production
- _ Experimental techniques
- _ Numerical modeling
- _ Innovant production system
- _ Supercooling effect
- _ PCMs for construction materials and buildings
- _ Refrigeration and air conditioning applications
- _ Renewable heating and cooling
- _ Thermal energy storage and energy savings
- _ Industrial and household system efficiency
- _ Challenges for industry

ORGANIZING COMMITTEE

Prof. Andreas Athienitis, Concordia University
Prof. Nicolas Galanis, Université de Sherbrooke
Prof. Dominic Groulx, Dalhousie University
Dr. Hakim Nesreddine, Hydro-Québec
Dr. Michel Poirier, Natural Resources Canada
Prof. Sébastien Poncet, USherbrooke (Chairman)
Prof. Agus Sasmito, McGill University

INTERNATIONAL SCIENTIFIC COMMITTEE

Prof. Mohammed Farid, New-Zealand
Dr. Laurence Fournaison, France
Prof. Michael Kauffeld, Germany
Prof. Masahiro Kawaji, USA
Prof. Viktoria Martin, Sweden
Prof. Sébastien Poncet, Canada
Prof. Hiroshi Suzuki, Japan

REGISTRATION FEES

	Early registration	Late registration	On site
Regular participants	740	780	825
IIR Members	490	530	575
Students	370	390	410
Accompanying persons	117	124	130

The registration fees (in \$ CAD) include the proceedings, lunches, coffee breaks, the welcome reception and the gala dinner. The deadline for early registration is the 23rd of February 2018.

PROVISIONAL PROGRAM

A welcome reception will be organized in Orford on Sunday the 20th of May at the end of the afternoon. The conference will be held during three full days from Monday the 21st to Wednesday the 23rd of May with 6 plenary speakers. Technical visits are planned during the 24th of May in the morning on a voluntary basis.



IMPORTANT DATES

Abstract submission deadline
8th of September 2017

Full paper submission deadline
3rd of December 2017

Final manuscript deadline
19th of February 2018

Early bird registration deadline
23rd of February 2018

ABSTRACTS

An abstract not exceeding 150 words should be submitted first by email to :

pcm2018@USherbrooke.ca

A template is available on the website of the conference :

<http://pcm2018.univ-sherbrooke.ca>

ARTICLES

The final version of the article should not exceed 8 pages and respect the guidelines available on the website of the conference. The management will be achieved only by email :

pcm2018@USherbrooke.ca

A template is available on the website of the conference :

<http://pcm2018.univ-sherbrooke.ca>

The best papers will be selected for publication in a special issue of *International Journal of Refrigeration*.

TALKS

Work presentations will be under the form of oral communications lasting 15 minutes (+5 minutes for discussion) and posters (depending on the number of attendees). All communications will be included in the conference proceedings.

