

Call for papers: SESCOI 2006 & CSBRN

31st Annual Conference of the Solar Energy Society of Canada

AND

1st Canadian Solar Buildings Research Network Conference

August 20-24, 2006, Concordia University, Montréal, Québec, Canada

The newly established Canadian Solar Buildings Research Network (CSBRN) will organize its 1st conference in 2006 to be held jointly with the 31st annual Solar Energy Society of Canada Inc. (SESCI) conference. With this announcement, we extend an open invitation to submit abstracts for technical papers to be presented at the conference and published in the proceedings. We encourage submissions on all aspects of solar energy and solar energy systems. The following list of Topic Areas may serve as a guide:

1. Photovoltaic Systems, Applications and Manufacturing

- 1.1. Photovoltaic Applications
- 1.2. Hybrid Systems Applications
- 1.3. Photovoltaic Cell Materials and Manufacturing
- 1.4. Balance-of-System Components and Manufacturing
- 1.5. Building Integrated Photovoltaics
- 1.6. Applications of PV-Thermal Systems with Facades, Roofs and HVAC Systems

2. Solar Thermal Systems

- 2.1. Solar Thermal Applications for Heating/Cooling
- 2.2. Hybrid Systems Applications
- 2.3. Solar Combi-Systems
- 2.4. Solar Collector Technologies
- 2.5. Thermal Storage
- 2.6. Heat Pumps

3. Integration of Solar Energy Systems into Buildings

- 3.1. Passive Solar Heating and Cooling
- 3.2. Building Integrated Solar Thermal
- 3.3. Daylighting, Shading, Glazings and Coatings
- 3.4. Solar Optimization of Perimeter Zones & Facades
- 3.5. Modelling and Design of Sunspaces/Atria
- 3.6. Load and Demand Management in Solar Buildings

4. Solar Electricity Generation in Buildings

- 4.1. Power Conversion Systems for Buildings
- 4.2. System Integration for PV Systems in Buildings

5. Design Tools, Policy, and Regulatory Issues

- 5.1. Simulation Tools for Building Modelling
- 5.2. Simulation Tools for Optimization and Design
- 5.3. Solar Resource Analysis
- 5.4. Policy, Marketing, Legislation, Regulatory Issues
- 5.5. Case Studies

6. Solar Energy Education and Human Resources

In addition to technical sessions, the conference will be complemented by a number of special events (i.e., trade show, PV workshops, ESP-r courses, tours at solar house, public events, etc). Details on these aspects, as well as registration fees and deadlines, will be posted as they become available on the SESCOI web site (www.solarenergysociety.ca).

IMPORTANT DATES

Abstracts due: Feb 15, '06
Notification of Acceptance: Mar 15, '06
Full Papers Due: May 15, '06
Conference: Aug 20-24, '06

SUBMISSION OF ABSTRACTS

Please submit an electronic copy of a 1-page abstract in MS Word (.doc) or Rich Text Format (.rtf) by e-mail to: solarnet@encs.concordia.ca with "Paper Submission" written in the subject line. Please indicate topic area, and whether you are submitting a paper as part of the Solar Buildings Research Network as these papers will be peer reviewed.

Organizing Committee: A. Athienitis (Professor, Concordia University), R. Charron (President, SESCOI), M. Stylianou (Manager, CSBRN), A. Tzempelikos (Post doctoral fellow, CSBRN, Concordia University)

Scientific Executive Committee: A. Athienitis (Concordia University), I. Beausoleil-Morrison (CETC-O), M. Bernier (École Polytechnique de Montréal), L. Chang (University of New Brunswick), M. Collins (University of Waterloo), S. Harrison (Queens University), T. Kesik (University of Toronto), J. Love (University of Calgary), D. Naylor (Ryerson University), P. Oosthuizen (Queens University), Y. Poissant (CETC-V), D. Prasad (University of New South Wales), M. Santamouris (University of Athens), L. Stamenic (BCIT), D. Thevenard (Numerical Logics), R. Zmeureanu (Concordia University)

ABSTRACT FORMAT

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Please submit your abstract in MS Word format (.doc) or Rich Text Format (.rtf) and limit the length of the abstract to one page of text and one page of graphics. The abstract should be sized for 8.5" x 11" paper. There should be a 1" (25 mm) margin on all sides (top, bottom and both sides). Use Times New Roman Font and the following formatting:

1. The title should be centred and in 14pt Bold Capitals.
2. There should be one 14pt line space after the title.
3. The name and affiliation of the author designated to receive correspondence should be centred in 10pt font below the title. The corresponding authors affiliation should include:
 - a. Name of the author designated to receive correspondence
 - b. Complete mailing address of the corresponding author
 - c. Telephone number of the corresponding author
 - d. FAX number of the corresponding author, if available
 - e. E-mail address of the corresponding author
 - f. Name of Topic Area and preferred mode of presentation (oral or poster)
 - g. The list of co-authors and their affiliations (including mailing address)
4. The text in 11pt font should be fully justified, single -spaced, and in single column format.

New paragraphs should have an indent of 0.5" (12 mm).

5. Figures must appear within the designated margins on a page. Every figure must have a numbered caption in 11pt below the figure.
6. The abstract will be evaluated on the basis of the clarity of objective, scope and method of approach, and significance of the results. The author designated as the author for correspondence will be notified of the paper's acceptance or rejection.