



CALCON 2006

Boulder, Colorado USA
July 30 - August 4, 2006

61st Calorimetry Conference

About ICCT

The Calorimetry Conference is convened annually at selected sites in either the U.S. or Canada and is always held jointly with the [International Conference on Chemical Thermodynamics](#) when ICCT is convened in either the U.S. or Canada.

The last Calorimetry Conference was held in Gaithersburg, Maryland in June 2005. The upcoming 61st Calorimetry Conference will be organized within the three-conference event, [THERMO International 2006](#) to be held in Boulder, Colorado July 30 - August 4, 2006.

About Boulder

In addition to its picturesque setting in the shadow of the Rocky Mountains, Boulder is home to a myriad of high-tech companies, government laboratories, and the University of Colorado. The ideal climate, intellectual urban atmosphere, and exquisite scenery will make your stay in this lovely city an unforgettable part of the experience. Visiting Boulder's Convention and Visitor's Website at <http://www.bouldercoloradousa.com> will give you full information about such things as accommodations, restaurants, recreation, shopping and other city offerings.



THERMO
INTERNATIONAL
2006

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Conference Website: <http://www.Calcon2006.org>

Program (Joint with ICCT-19 [International Conference of Chemical Thermodynamics])

The scientific program for CALCON 2006 will consist of plenary lectures, invited lectures, oral presentations, and posters. The conference will include nine symposia and three workshops.

Symposia

- Thermodynamics and Properties in the Biological, Medical, Pharmaceutical, Agricultural, and Food Sectors *
- Ionic Liquids *
- Molecular Modeling including Simulation *
- Databases, Data Systems, Software Applications, and Correlations *
- Electrolyte and Non-Electrolyte Solution Thermodynamics
- New Materials
- Phase Equilibrium, Supercritical Fluids, and Separation Technologies
- Colloid and Interface Science
- Thermochemistry and Molecular Energetics

Workshops

- Properties and Processes for a Hydrogen-Based Economy *
- Thermodynamic Frontiers and Education
- New Experimental Techniques

* **Joint with the 16th Symposium on Thermophysical Properties**

Abstract submission: the deadline and format for abstract submission will be provided at the time of the call for papers for the Calcon2006 Conference.

Registration

There will be a single registration fee for participation in all sessions of the three joint conferences. This registration fee will cover all distributed materials, joint conference banquet, and the general social activities. Detailed information (amount, deadline date, *etc.*) will be available from the conference website in the near future.

Housing

There are several options available for housing for participants of THERMO International 2006. These include campus housing and several hotels in the local vicinity of the University of Colorado campus. Rooms will be blocked at selected hotels and links will be provided to those hotels on the conference website.

Information on other hotels in the Boulder area is available through the website (<http://www.bouldercoloradousa.com/>).

Tours

The social program will include several tours available to participants and accompanying persons (additional fee for these tours). Various options and additional information (rates, reservations, *etc.*) will be available on the conference website.

Conference Website: <http://www.Calcon2006.org>

Awards Information and Call for Nominations

1. Hugh M. Huffman Memorial Award

Hugh M. Huffman (1899-1950), one of the founders of the Calorimetry Conference, was a leader in the field of heat capacity measurements. This award honors individuals who, through their lifelong research accomplishments, emulate the creativity and care that Huffman demonstrated in his work. Candidates shall have made long-term contributions to thermodynamics involving thermochemistry and/or calorimetry. The Huffman award — which consists of \$1000 and waived Conference registration fee — is sponsored by Calorimetry Sciences Corporation (www.calscorp.com). The award address is published in the Journal of Chemical Thermodynamics.

2. James J. Christensen Award for Innovations in Calorimetry

The Christensen Award was established in 1988 to honor James J. Christensen (1931-1987) of Brigham Young University. It is presented to a scientist who has made outstanding innovative contributions to the development and use of calorimetric instrumentation. The Christensen Award consists of \$1000 and waived Conference registration fee. It is sponsored by Brigham Young University.

3. Stig Sunner Memorial Award

The Sunner Award honors the memory of Stig Sunner (1917-1980) of Lund University. It recognizes the research contributions of young scientists to thermodynamics and thermochemistry and is restricted to individuals 40 years of age or younger. The Sunner Award— consisting of \$1000 and waived Conference registration — is sponsored by Thermometric (www.thermometric.com).

4. William F. Giaque Travel Awards

Professor Giaque (1895 – 1982) received the 1949 Nobel Prize in Chemistry for his contributions in thermodynamics, which included measurements on crystals confirming the Third Law and the invention of adiabatic demagnetization. Giaque trained a legion of students, who subsequently helped to establish and promote calorimetry in academia, government labs, and industry. The Giaque Travel Awards are intended to encourage student participation in the Conference. Recipients must attend the entire conference and deliver an oral presentation. Awardees will receive \$500.

Nominating Procedures

The nomination packets for the Huffman, Christensen, and Sunner Awards should include a nomination letter (describing the candidate's qualifications for the award), a complete CV with bibliography, and no more than four supporting letters. Either hard copy or electronic format is acceptable. The deadline for receipt of the nominations is January 6, 2006. Please send nominations to Mirek Gruskiewicz, Oak Ridge National Laboratory, Chemical Sciences Division, Building 4500S, MS-6110, Oak Ridge, TN 37831- 6110, USA. E-mail: gruskiewicz@ornl.gov.

The nomination packet for a Giaque Award should include a supporting letter and a copy of the abstract. The letter should briefly outline the significance of the work being presented and describe the student's contribution and level of effort. Submit these materials — by January 31, 2006 — to Prof. Michael Henzl, Department of Biochemistry, 117 Schweitzer Hall, University of Missouri-Columbia, Columbia, MO 65211. E-mail: henzlm@missouri.edu.

A complete listing of previous award winners is available on the conference website <http://www.calcon2006.org>

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