



## CALL FOR PAPERS

# 9<sup>th</sup> International Temperature Symposium

Los Angeles / Disneyland, CA USA  
March 19-23, 2012

The International Temperature Symposia have taken place approximately every 10 years since 1919. These Symposia provide opportunities for the presentation and publication of work related to the measurement and control of temperature, with topics ranging from fundamental research on temperature scales to practical measurement or control solutions in a variety of fields.

The 9<sup>th</sup> International Temperature Symposium will be held in March of 2012, in conjunction with the Measurement Science Conference 2012, along with a combined technology exhibition.

Sponsored by: Measurement Science Conference (MSC)  
National Institute of Standards and Technology (NIST)

Proceedings published by: American Institute of Physics (AIP)



Papers on the following topics are solicited:

- Thermodynamic Thermometry
- Thermocouple Thermometry
- Radiation Thermometry
- Temperature Scales
- Thermistor Thermometry
- Resistance Thermometry
- Fixed Points
- Boltzmann Constant Determinations
- Medical and Biological Thermometry
- Electronic and Noise Thermometry
- International Comparisons
- Dynamic and Transient Thermometry
- Space and Astrophysics Thermometry
- Harsh Environment Thermometry
- Instrumentation and Data Analysis
- Geo/Paleothermometry
- Temperature Control
- Calibration Methods
- Uncertainties and Statistics
- Food Processing Thermometry
- Fiber-Optic / Fluorescence Thermometry
- Cryogenic Thermometry
- Semiconductor Process Thermometry

## 9<sup>th</sup> International Temperature Symposium, Los Angeles, CA USA, March 19-23, 2012

### GENERAL COMMITTEE

Greg Strouse, NIST, **ITS9 Chair**  
C. Dawn Cross, NIST, **ITS9 Secretary**  
Bob Everly, **2012 MSC President**

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Frank Mendoza, **MSC Arrangements**  
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### INTERNATIONAL PROGRAM COMMITTEE

Weston Tew, NIST, **Program Chair**  
Howard Yoon, NIST, **Program Vice-Chair**  
Chris Meyer, NIST, **Proceedings Editor**

**Conference Web Site:**  
**[www.its9.org](http://www.its9.org)**

### DEADLINES

- July 15, 2011, for submission of a summary abstract of the work (not exceeding 500 words). The EDAS web portal will be open for abstract submissions starting on 15-February-2011. Please go to [http://www.its9.org/abstract\\_submission.html](http://www.its9.org/abstract_submission.html) for instructions and the abstract template. Authors of abstracts accepted by the Program Committee will be notified promptly and provided with guidelines for the preparation of full papers to be presented during the Symposium.
- December 15, 2011, for submission of papers in the approved format to the Program Chair. These papers will receive technical and editorial review prior to final acceptance.
- July 31, 2012, for submission of final, camera-ready manuscript to the Program Chair for publication by the American Institute of Physics in Volume 8 of *Temperature: Its Measurement and Control in Science and Industry*.

### NOTES FOR AUTHORS

The length of papers is limited to six pages. Post-deadline submissions cannot be guaranteed a review or a place in the Symposium program. Authors needing special consideration should contact the Program Chair. Only those papers that are presented during the Symposium will be published in the Proceedings. Authors should understand that paper submission implies willingness to pay the speaker registration fee and present the paper at the conference. For a co-authored paper, a minimum of one author must register for the conference and present the paper.



### GENERAL INFORMATION

Participants from both national and international temperature measurement communities in all sectors of industry and science are invited to The 9th International Temperature Symposium (ITS9). All technical sessions will be held at the Disneyland Resort Hotel in Anaheim, California (USA) and co-located with the 2012 Measurement Science Conference ([www.msc-conf.com](http://www.msc-conf.com)). Both Oral and Poster Sessions will be



organized together with the combined technology exhibition. The Symposium proceedings will be available as hard-bound volumes published by the American Institute of Physics (AIP). Please address general inquiries to [info@its9.org](mailto:info@its9.org). For inquiries on the technology exhibitions, please contact us at [exhibitions@its9.org](mailto:exhibitions@its9.org).