

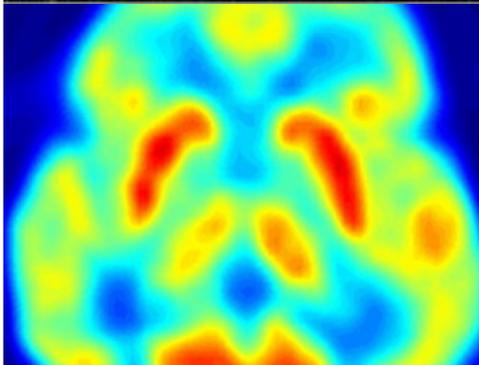
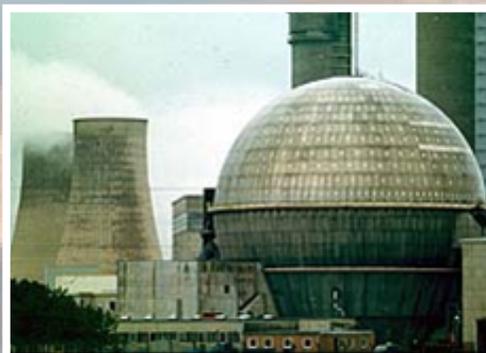
18th Annual Meeting

# COUNCIL ON IONIZING RADIATION MEASUREMENTS AND STANDARDS

# CIRMS 2009

Radiation  
Measurements  
and Standards for  
Incident Response

October 19-21, 2009



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### President's Letter

I am pleased to announce the 18th annual meeting of the Council on Ionizing Radiation Measurements and Standards (CIRMS) to be held October 19-21, 2009 at the National Institute of Standards and Technology (NIST), Gaithersburg, Maryland. The theme of this year's meeting is "Radiation Measurements and Standards for Incident Response." The diverse aspects of the importance of measurements and standards in this area will be addressed by international experts from academia, industry and government.

This year's meeting provides an excellent and timely opportunity for the entire ionizing radiation user community to meet and discuss recent developments and new trends related to radiation measurements and standards for incident response. Some of the invited speakers will cover the general principles related to incident response and the use of radiation as a tool in emergencies. In addition to the general plenary sessions, there will be several parallel breakout sessions devoted to medical and industrial applications, food irradiation and radiation protection/ homeland security. In every breakout session, the needs for measurement standards in these four areas will be explored by discussing the current "CIRMS Needs Report" and adding or deleting needs for measurements and standards as necessary.

Conclusions from these breakout sessions will be presented in a joint plenary session at the end of the meeting. I take this opportunity to encourage you to submit an abstract to be presented as a poster or as a presentation in one of the breakout sessions.

Since its conception, CIRMS has strongly encouraged and supported the participation of students in presenting their research at the annual meetings. CIRMS will proudly continue this tradition by encouraging students to present their work through the Student Travel Grant program awards through which up to four students will be reimbursed for their expenses to attend the meeting and make an oral presentation at the plenary session. CIRMS2009 Sponsors are invited to present posters that enable the attendees to better learn about the wide variety of organizations that support CIRMS; limited space for tabletop displays will also be available.

I look forward to seeing all of you at the 18th annual CIRMS meeting, and your active participation in the exciting discussions which will occur at the meeting.

**Nolan E. Hertel, CIRMS President**

### Meeting Focus

The 18th Annual Meeting of the Council on Ionizing Radiation Measurements and Standards will focus on radiation measurements and standards for incident response, including the use of radiation itself as a tool in emergencies. For the past eighteen years, CIRMS has played an important role in serving as a public forum for discussion of radiation measurements and standards issues for industry, academia and government. The technical program this year will consist of oral and poster presentations and three parallel workshops that address measurement and standards needs for the following topics:

- Medical Applications [diagnostic and therapeutic radiology, nuclear medicine]
- Radiation Protection [radiochemistry, waste analysis, personnel dosimetry, electronic dosimeters, bioassay and internal dosimetry environmental dosimetry],
- Industrial Applications and Materials Effects [dosimetry for radiation processing, radiobiology, safety at radiation facilities, food irradiation]

As issues in homeland security, and for first responders, can be found in each field - medicine, protection, and industry - these will be addressed in each workshop as appropriate.

### Plenary Sessions

The plenary sessions of this year's meeting will include talks on radiation measurements and standards for incident response, including issues in the use of radiation as a response tool itself. Presentation topics will include consensus and international standards, modeling and simulation, incident planning, medical care, clean up and waste, and issues specific to nuclear power. Breakout sessions will provide updates on topics related to this year's general topic, and on other on-going efforts in the community.

### Poster Sessions

Two locations will be allocated to poster viewing and discussion. Activities of CIRMS' sponsoring organizations will be presented in the Employees' Lounge during all coffee breaks. Proffered posters on a variety of technical topics, including the research activities of the winners of the Student Travel Grants, will be presented along the Hall of Flags, just outside the primary meeting venue.

As is traditional with the CIRMS Annual Meeting, afternoons will be devoted to parallel breakout sessions in medical applications, radiological protection/ homeland security, and industrial applications and materials effects. Anyone wishing to make an oral presentation at a breakout session, or present a poster, is asked to submit an abstract to Katy Nardi by **1 July 2008**. E-mail: [knardi@cirms.org](mailto:knardi@cirms.org).

### Registration

The registration fee will be \$300 and will include conference materials, coffee breaks, lunches, and a dinner. Please complete and return the attached interest card by August 3, 2009. Further agenda and registration information will be forwarded in late August to all who respond. Due to increased security, no on-site registrations will be accepted and all attendees must be pre-registered.

Electronic registration will be available at:

<https://rproxy.nist.gov/crs/>

Please scroll down to the dates of the conference

### Accommodations

A block of rooms has been reserved at the Hilton Washington DC North/Gaithersburg, (301) 977-8900, at a special rate of \$139 single or double, plus 13% tax. This rate includes breakfast. Reservations must be received by September 20, 2009

### Technical Information

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### Registration Information

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## 18th Annual CIRMS Meeting

October 19-21, 2009

Please place in an envelope and return by **August 1, 2008**, to:

Katy Nardi  
CIRMS  
P.O. Box 1238  
Duluth, GA 30096  
or fax to: (770) 622-0026

## Interest Card

Name	<hr/>				
Title	<hr/>				
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