

CIRMS 2017 - 25TH ANNUAL SILVER ANNIVERSARY MEETING, GAITHERSBURG, MD

PLENARY AGENDA

Monday, March 27, 2017

- 8:30 am Continental Breakfast/Registration
- 9:15 am **President's Welcome**
Dr. Mark S. Driscoll, President, CIRMS
- Welcome to NIST**
Dr. Lisa R. Karam,
Chief, Radiation Physics Division, Physical Measurement Laboratory
National Institute of Standards and Technology, MD
- 9:30 am **Intro to NEEDS REPORT and Student Award Introduction**
Dr. Walter E. Voit
University of Texas at Dallas
- 9:45 am **Keynote Address**
Dr. Bert M. Coursey, NIST
CIRMS: A Retrospective and Look Forward
- 10:15 am **Randall S. Caswell Award for Distinguished Achievement in the Field of Ionizing Radiation Measurements and Standards presented to:**
Dr. Peter R. Almond, UT MD Anderson Cancer Center (retired)
- 10:30 am Coffee Break
- 10:45 am **Plenary Session I**
Dr. Larry DeWerd, University of Wisconsin - Madison
Caswell Fellows and Calibration Standards from NIST using Secondary Laboratories as an Example
- 11:15 am **CIRMS Student Travel Grant Awards Presentations:**
- CIRMS Student Travel Grant – sponsored by ASTM International
Alexandra Bourgoïn – Carleton University, Canada
Vacuum Current: A Possible Systematic Error in Absolute Dose/Kerma Measurements with Ion Chambers
- CIRMS Student Travel Grant – sponsored by Hopewell Designs, Inc.
James Renaud – McGill University, Canada
Aerrow: A Probe-Format Graphite Calorimeter for Use as a Local Absorbed Dose Standard for High-Energy Photon Beams in the Clinical Environment
- CIRMS Student Travel Grant – sponsored by Bruker IBA Industrial, Inc.
Susannah Hickling – McGill University, Canada
Measuring Radiation Dose through the Detection of Radiation-Induced Acoustic Waves
- CIRMS Student Travel Grant – sponsored by Landauer
Manik Aima – University of Wisconsin – Madison

*Dose Distribution Measurements of a New Directional Pd-103 Low-dose Rate
Brachytherapy Source*

- 11:55 am **Poster Summaries**
- 12:05 pm **Poster Viewing**
- 12:45 pm Lunch
- 1:45 pm **Concurrent Working Group Sessions**
Medical Applications – Lecture Room A
Radiation Protection – Lecture Room B
Industrial Applications – Lecture Room D
- 1:45 pm **Working Group Session I**
- 3:30 pm Coffee Break
- 3:45 pm **Working Group Session II**
- 5:30 pm Adjourn

Tuesday, March 28, 2017

- 8:30 am Continental Breakfast
- 9:15 am **President's Welcome**
Dr. Mark S. Driscoll, President, CIRMS
- 9:30 am **Plenary Session II**
Dr. Edward F. Jackson, University of Wisconsin - Madison
Quantitative Imaging
- 10:00 am **Plenary Session III**
Kevin O'Hara, Sterigenics
Sterilization Standards
- 10:30 am Coffee Break
- 10:45 am **Plenary Session IV**
Dr. Ruthan Lewis, National Aeronautics and Space Administration (NASA)
Radiation -- A Cosmic Hazard to Human Habitation in Space
- 11:15 am **Poster Summaries**
- 11:30 am **Poster Viewing**
- 12:45 pm Lunch
- 1:45 pm **Concurrent Working Group Sessions (continued):**
Medical Applications – Lecture Room A
Radiation Protection – Lecture Room B
Industrial Applications – Lecture Room D
- 1:45 pm **Working Group Session III**

- 3:30 pm Coffee Break
- 3:45 pm **Working Group Sessions IV**
- 5:30 pm Adjourn Day 2
- 6:15 pm Bus from the hotel to the restaurant
- 6:45 pm **Gala Dinner @ Smokey Glen Farm BBQ**
16407 Riffle Ford Rd, Gaithersburg, MD 20878

Wednesday, March 29, 2017

- 8:30 am Continental Breakfast
- 9:15 am **Welcome Back**
Dr. Mark S. Driscoll, President, CIRMS
- 9:30 am **Plenary Panel**
Dr. Jonathan W. Engle, LANL/University of Wisconsin - Madison
Alpha Therapy
- 9:45 am **Plenary Panel**
Dr. Ileana Pazos, NIST
Chip-scale Calorimetry for Industrial Dosimetry
- 10:00 am **Plenary Panel**
Dr. Stephanie Healey, Food and Drug Administration
Food Defense during a Radiological Emergency
- 10:15 am **Plenary Panel**
Panel Discussion with three panelists
- 10:30 am Coffee Break
- 10:45 am **Capstone Speaker**
Dr. Vasilis Ntziachristos, Technical University of Munich, Germany
Biological and Medical Imaging
- 11:15 am **Report on Needs in Ionizing Radiation**
Dr. Anthony Berejka, Ionicorp
Past MPD Recap
Group leaders

Dr. Walter E. Voit, University of Texas at Dallas
Current/Future Work
- 12:30 pm **Closing Address/ New Officers**
Dr. Mark S. Driscoll, President, CIRMS
- 12:45 pm Lunch
- 1:45 pm **ExComm Meeting**