**Agenda for the Industrial Applications and Materials Effects Sessions**  
**Monday March 27, 2017 (afternoon)**

**Breakout Session I: Food Irradiation**

1:45-2:05  Anuradha Prakash, Chapman University  
*Shedding light on food irradiation: A comparison with alternative food technologies*

2:05-2:25  Vanee Komolprasert, Food and Drug Administration/ CFSAN  
*Packaging for Irradiated Fresh Produce*

2:25-2:45  Laura Jeffers, U.S. Department of Agriculture/APHIS  
*Phytosanitary Irradiation Treatments: An Important Mitigation Tool in the Agriculture Quarantine Inspection (AQI) Toolbox*

2:45-3:05  Chip Starns, ScanTech Sciences Inc.  
*Cross-border Produce Irradiation using E-beam; an Emerging Market with Great Potential*

3:05-3:30  Questions for speakers and discussion on "current needs"

3:30-3:45  Break

**Breakout Session II: Nanomaterials**

3:45-4:30  Mohamad Al-Sheikhly, University of Maryland  
*Electron beam synthesis of magnetic nanomaterials and nanocomposites*

4:30-4:50  Mohamad Al-Sheikhly, University of Maryland  
*Production of nanomaterials in water using ionizing radiation*

4:50-5:10  Michael Postek, NIST  
*Nanomaterials analysis and standards*

5:10-5:30  Questions for speakers and discussion on "current needs"

5:30 Adjourn

The full CIRMS agenda is available at  [http://cirms.org/conference_agenda.html](http://cirms.org/conference_agenda.html)
Agenda for the Industrial Applications and Materials Effects Sessions
Tuesday March 28, 2017 (afternoon)

Breakout Session III: Dosimetry for High Dose Applications

1:45-2:15  Lonnie Cumberland and Ileana Pazos, NIST
High Dose Calibration at NIST (Gamma)

2:15-2:45  Fred Bateman and Ronald Tosh, NIST
Accelerator-Based Standards for Industrial Dosimetry

2:45-3:15  Spencer Mickum, Hopewell Designs Inc.
New Design Basis Analysis for Self-Contained, Dry-Storage Irradiators

3:15-3:30  Questions for speakers and discussion on "current needs"

3:30-3:45  Break

Breakout Session IV: Sterilization of Medical Devices

3:45-4:15  Sherry Formica, Johnson & Johnson
Process Verification – How to ensure process effectiveness

4:15-4:45  Kevin O’Hara, Sterigenics
Sterilization of medical devices

4:45-5:30  Questions for speakers and discussion on "current needs"

5:30 Adjourn