

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

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