

Midwest Medical Device Sterilization Workshop

September 18-19, 2019

Tour attendees should wear flat, closed-toe shoes.

September 18 Agenda

- 8:15 A.M. Breakfast and Check-In
- 9:00 A.M. Welcoming Remarks
Baxter Welcome: Mark Pasmore, Senior Manager, Sterility Assurance
Fermilab Welcome: Nigel Lockyer, Director
Department of Energy Welcome: Mark Bollinger, Deputy Site Office Manager
- 9:15 A.M. Introduction and Logistics
Thomas Kroc, Fermilab
- 9:25 A.M. Radiological Security through Alternative Technology: the DOE/NNSA Approach
Lance Garrison, NNSA

Theme 1: You Are Here: Current Paradigms and Drivers in Medical Device Sterilization

- 9:50 A.M. Keynote: “Gamma to e-beam/x-ray: fundamentals to practice”
Byron Lambert, Abbott Vascular
- 10:35 A.M. Networking Break
- 10:50 A.M. Panel 1: Current Landscape: Internal and External Factors Driving Sterilization Decisions
Moderator: John Williams, Medtronic
Panelists: Jeremy Brison, IBA; Kim Patton, BD; John Schlecht, Sterigenics
- 11:50 A.M. Break for Lunch
- 12:00 P.M. Working Lunch
Location: The Big Room, Building 327

Theme 2: The Right Tool for the Right Job: Considerations for choosing your Sterilization Method

- 1:15 P.M. Technical Presentation: “Transitioning from Cobalt-60 to e-beam or X-ray for Sterilization - A Model for Collaboration”
Mark Murphy, Pacific Northwest National Lab

- 1:40 P.M. Technical Presentation: “e, X, γ - The Good, the Bad, and the Promising”
Thomas Kroc, Fermilab
- 2:00 P.M. Panel 2: Tales from the Trenches
Moderator: Jodi Lieberman, Sandia
Panelists: Peter Baker, Quantum EBX; Tim Carlson, BD; Debbie Cotton, Baxter; Clarence Murray III, FDA; Larry Nichols, Steri-Tek
- 3:00 P.M. Networking Break
- 3:15 P.M. Tour: Leveraging Fermilab for Medical Device Sterilization Innovation
Location: LARC, Heavy Assembly Building
- 4:15 P.M. Breakout Sessions
- 5:00 P.M. Day 1 Readout
- 7:00 P.M. No-Host Networking Reception
Location: Two Brothers Roundhouse Bar Deck; 205 N. Broadway, Aurora, IL 60505

September 19 Agenda

- 8:15 A.M. Breakfast and Check-In
- 8:45 A.M. Day 1 Recap & Day 2 Reset

Theme 3: Flipping the Switch: Moving from Planning to Implementation

- 8:55 A.M. Case Study: “The Choice of Sterilization Modality - Technical and Normative Aspects”
Josef Mittendorfer, High Tech Consulting/Mediscan
- 9:15 A.M. Case Study: “Machine Source Irradiation vs. Gamma. Shifting Decision Criteria in a Changing Industry”
Arved Deecke, Benebion
- 9:40 A.M. Networking Break
- 9:55 A.M. Panel 3: The Business of Switching: Economics and Logistics
Moderator: Kyrstan Polaski, Steris
Panelists: Emily Craven, Mevex; Tony Faucette, BD; Betty Howard, Steris; Christophe Malice, IBA

Theme 4: Accelerating the Path Forward: Prioritizing Needs, Opportunities, and Points for Collaboration

- 10:55 Model for Collaboration: “E-beam and X-ray: Why? What? How?”
Emily Craven, Mevex & Christophe Malice, IBA

- 11:35 A.M. Break for Lunch
- 1:00 P.M. Panel 4: Identifying the Shared Path Forward
Moderator: Mark Pasmore, Baxter
Panelists: John Conrad, iBIO; Pamela Goldberg, MDIC; Byron Lambert, Abbott;
Clarence Murray III, FDA
- 2:00 P.M. Breakout Sessions
- 2:50 P.M. Workshop Readout & Recommendations
- 3:30 P.M. Optional Tour: Behind The Scenes at Fermilab
Limited Capacity - Pre-Registration Required