Agenda – Day 3

DAY 3: thursday, NOVEMBER 21, 2019

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| 7:30 AM | Registration | |
| Concurrent Sessions 6 | | |
|  | Chemical Agent Research  York Room  Session Chairs:   * Lukas Oudejans | *U.S. Environmental Protection Agency* * Lawrence Kaelin | *U.S. Environmental Protection Agency* | Waste Management  Stratford Room  Session Chairs:   * John Archer | *U.S. Environmental Protection Agency* * Joseph Wood | *U.S. Environmental Protection Agency* |
| 8:00 AM | Development and Application of Unventilated Monitoring to Recovery following a Chemical Release  David Bradley | *U.S. Department of Homeland Security* | Responding to African Swine Fever (ASF): Research to Develop New Methods to Manage ASF Infected Animal Carcasses  Gary Flory | *Virginia Department of Environmental Quality* |
| 8:25 AM | Establishing Risk-Based Action Levels for Unique Exposure Scenarios in Response to Illegal Pesticide Applications  Kristen Keteles | U.S. Environmental Protection Agency | **Assessment of the Biosecurity of Animal Mortality Size Reduction Using Horizontal Grinders Prior to On-Farm Composting**  Paul Lemieux | *U.S. Environmental Protection Agency* |
| 8:50 AM | Evidence-Based Mass Casualty Decontamination Strategies for Responding to Chemical Incidents  Joanne Larner | University of Hertfordshire | Simulation of Incineration of Waste Generated from Cleanup following Chemical/Biological Incidents  Martin Denison | Reaction Engineering International |
| 9:15 AM | Systematic Optimization of High Activity Neutralization Materials for Bulk Chemical Agent Detoxification  Patrick Burton | Sandia National Laboratories | Control of Emissions from Combustion of Cesium-Contaminated Biomass via Sorbent Injection  Paul Lemieux | U.S. Environmental Protection Agency |
| 9:40 AM | Relating Laboratory-Scale Dispersion Experiments to Full-Scale Field Data from Jack Rabbit II  Michael Pirhalla | U.S. Environmental Protection Agency | Disaster Waste Management (WM) Tools – Improving Their Effectiveness While Minimizing Resource Needs  Timothy Boe | U.S. Environmental Protection Agency |
| 10:05 AM | BREAK | |
| Concurrent Sessions 7 | | |
|  | Radiological Agent Research  York Room  Session Chairs:   * Timothy Boe | *U.S. Environmental Protection Agency* * Katherine Ratliff | *U.S. Environmental Protection Agency* | Biological Agent Decontamination  Stratford Room  Session Chairs:   * Anne Mikelonis | *U.S. Environmental Protection Agency* * Leroy Mickelsen | *U.S. Environmental Protection Agency* |
| 10:20 AM | Overview of the MACCS Consequence Analysis Computer Code  AJ Nosek | U.S. Nuclear Regulatory Commission | Efficacy of Waterless Spray on Sensitive Equipment Decontamination System  William Guglielmo | ITL Solutions |
| 10:45 AM | Effective RN Decontamination of Sensitive Equipment Method Formulation Using Non-Radiological Surrogates  Zakir Kazi | Defence Research and Development Canada | The Use of Low Concentration Hydrogen Peroxide Vapor for the Inactivation of Ebola Virus Surrogates MS2 and Phi6 Bacteriophages  Joseph Wood | U.S. Environmental Protection Agency |
| 11:10 AM | Assessment of Non-Destructive Decontamination Methodologies for Mixed Porous Surfaces under High Humidity and UV Conditions  Ryan James | Battelle | Evaluation of an Electrostatic Sprayer for Personnel PPE Bio Decontamination – Mannequin Testing  John Archer | U.S. Environmental Protection Agency |
| 11:35 AM | **EPA’s Integrated Rad Remediation Decision Support Tool (IRRD-ST) to Optimize Radiological Cleanup Decisions**  Bruce Letellier | Serco Inc. | The D7 Decontaminant: Results of Recent Laboratory Tests and Field Applications Against Toxic Chemicals and Biological Pathogens  Mark Tucker | Decon7 Systems, LLC |
| Closing  Stratford Room | | |
| 12:00 PM | Closing Remarks  Sarah Taft | U.S. Environmental Protection Agency | |
| 12:30 PM | CONFERENCE ADJOURNS | |