

PNNL at WM Symposia 2023

Track 1 – Crosscutting Policies and Programs

John Vienna | Session 3 | Monday/AM

Panel: Featured Country: US-France Collaboration In Radioactive Waste Management

Jud Virden | Session 100 | Wednesday/AM

Panel: US Cleanup to Clean Energy – The Hanford Site and Tri-Cities Community Transformation (R1.6)

Track 2 – High-Level Radioactive Wastes, Spent Nuclear Fuel/Used Nuclear Fuel

Stuart Arm | Session 7 | Monday/AM

Panel: Advanced Nuclear Reactor Waste Stream Integrated Management and Disposition

Jarrod Allred | Session 38A | Monday/PM

Filtration of Hanford Tank 241-AP-101 Supernatant at 16°C

Pavel Ferkl | Session 48 | Tuesday/AM

Modeling Effects of Nuclear Waste Feed Properties on Glass Production Rate in Joule-Heated Melters

Emily Campbell | Session 133 | Wednesday/PM

Batch Contacts and Hanford Tank Waste Processing with Crystalline Silicotitanate to Investigate Analyte Load Behavior

Amy Westesen | Session 133 | Wednesday/PM

Scaled Performance of Cesium Ion Exchange with Crystalline Silicotitanate on Hanford Tank Waste

John Vienna | Session 134 | Wednesday/PM

High-Level Waste Glass Processing over Broad Range of Alternative Feed Compositions

Tom Brouns | Session 139 | Wednesday/PM

Panel: US Congressionally Mandated Study of Treatment Alternatives of Hanford Supplemental Low Activity Waste

Steven Rosenthal | Session 152 | Thursday/AM

Next-generation Flaw Characterization in Hanford Under-tank Inspection by the Robotic Air-slot Volumetric Inspection System (RAVIS)

Anastasia Bernat | Session 157 | Thursday/AM

Evaluating Personal Ammonia Monitor Performance to Better Meet Industrial Hygiene Standards at a Decommissioned Nuclear Site

Courtney Bottenus | Session 169 | Thursday/PM

Technology Transfer of Ultra-Trace Mercury Speciation Analytical Methods Developed at PNNL to a DOE Analytical Laboratory

Track 3 – Low-Level, Intermediate Level, Mixed Waste, NORM, and TENORM

Matt Asmussen | Session 108 | Wednesday/AM

Review of Getter Use for Iodine and Technetium in Cementitious Waste Forms

Sarah Saslow | Session 108 | Wednesday/AM

Alternative Treatment and Disposition Paths for Iodine Loaded Ion-Exchange Material

Matt Fountain | Session 167 | Thursday/PM

Roadmap for Selecting Sorbent(s) to Abate Gas-Phase Iodine-129 and Mercury in the Low-Activity Waste Vitrification Facility Off-gas System at Hanford

Track 5 – Packaging and Transportation

Harold Atkins | Session 103 | Wednesday/AM

Roundtable: Transport of Microreactors

Steve Maheras | Session 103 | Wednesday/AM

Roundtable: Transport of Microreactors

Steve Maheras | Session 162 | Thursday/AM

Dresden Nuclear Power Plant and Morris Independent Spent Fuel Storage Installation Site Infrastructure Evaluations

Track 7 – Environmental Remediation

Chris Johnson | Session 9 | Monday/AM

Roundtable: Innovative and Cost-Effective Monitoring Approaches

Sarah Saslow | Session 14 | Monday/AM

Predicting Remedial Performance of Ion Exchange Resins in Groundwater Pump and Treat Systems

Hilary Emerson | Session 30 | Monday/PM

Comparison of In Situ Phosphate Amendments for Sequestration of Uranium and Technetium-99

Hilary Emerson | Session 30 | Monday/PM

Use of Reactive Gases for Tc-99 and U Remediation in Hanford Vadose Zone Sediments

Sarah Saslow | Session 30 | Monday/PM

Bismuth Oxyhydroxide Amendment in Sediment Column Systems – Implications for Uranium Transport

Tim Johnson | Session 32 | Monday/PM

4D Electrical Resistivity Tomography to Locate a Perched-Water Monitoring Borehole at the Hanford Treated Effluent Disposal Facility

Judy Robinson | Session 57 | Tuesday/AM

Investigating Preferential Pathways Using Multiple Geophysical Methods on the Hanford Site to Support Remedial Decisions

Rob Mackley | Session 159 | Thursday/AM

Interpreting Concentrations Sampled from Long-Screened Wells

Chris Johnson | Session 172 | Thursday/PM

Approaches and Tools to Assess Pump-and-Treat Performance and Endpoints

Chris Johnson | Session 185 | Thursday/PM

Predict Well Performance for Remedy Design Using Deep Learning

Track 9 – Special Topics Including Safety, Security, and Safeguards

Amoret Bunn | Session 124 | Wednesday/PM

Panel: Updates on NNLEMS in Support of US DOE EM and LM Mission Activities

Track 10 – Leveraging STEM for the Future

Karen Kniep | Session 47 | Tuesday/AM

How PNNL's STEM Ambassadors Program is Changing Research-Community Interactions: 3 Case Studies

Charmayne Lonergan | Session 47 | Tuesday/AM

How PNNL's STEM Ambassadors Program is Changing Research-Community Interactions: 3 Case Studies

Posters

Molly Friedman (intern) | Session 39 | Sunday/PM

Evaluating In-Line Sensing Methods for Iodine Detection in Hanford Site Groundwater

Matt Asmussen | Session 147 | Wednesday/PM

Testing Update for Maintenance of the Long-Term Performance Assessment of the Integrated Disposal Facility

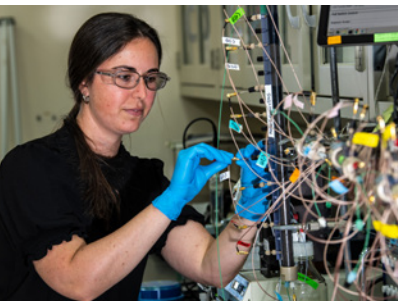
Phil Meyer | Session 147 | Wednesday/PM

Field-Scale Lysimeter Studies of Glass and Cementitious Waste Forms at the Hanford Site

Honors and Awards Luncheon:

Phil Schonewill | Tuesday/PM

Honors and Awards Recipient: ANS Best Oral Paper/Presentation Award at the WM2022 Conference



To connect with any PNNL presenter after the conference,
visit www.pnnl.gov/contacts or call Kelly McIntosh at 509.375.3880