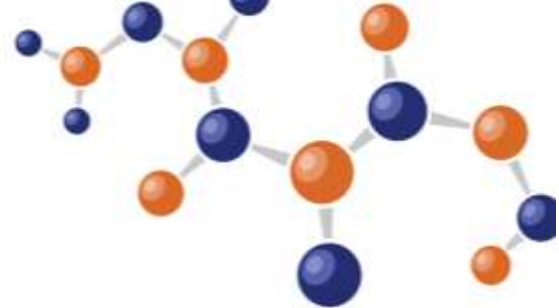




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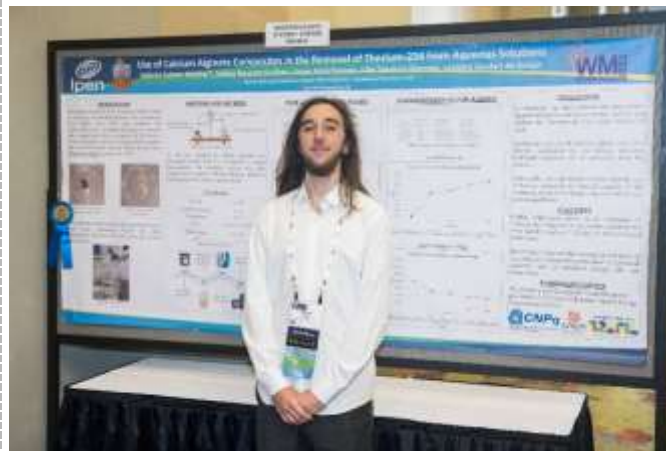
2023 Poster Winners

WM Symposia, Inc. believes that the following posters presented at our annual WM Conference represent the finest in technical and policy innovations.

Student Poster Winners

Undergraduate:

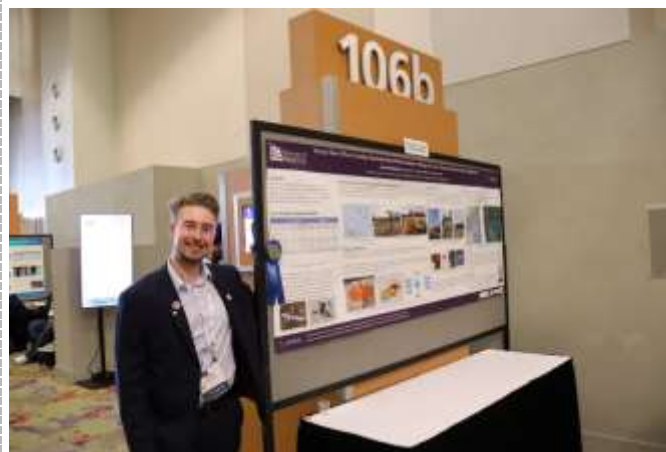
Use of Calcium Alginate Composites in the Removal of Thorium-234 from Aqueous Solutions
#23643



Author: Gabriel Martins (pictured), Sabine Neusatz Guilhen, Uryan Natal Suman, Julio Takehiro Marumo, Leandro Goulart de Araujo, Nuclear & Energy Research Institute, IPEN-CNEN/SP

Graduate:

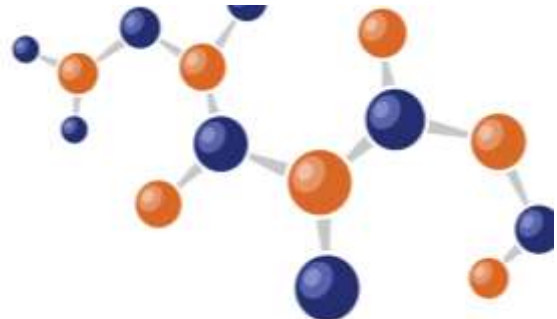
VTOL Radiation Mapping Drones for Emergency Response Nuclear Applications
#23676



Authors: Ewan Woodbridge (pictured), Dean Connor, Yannick Verbelen, Thomas Scott, University of Bristol



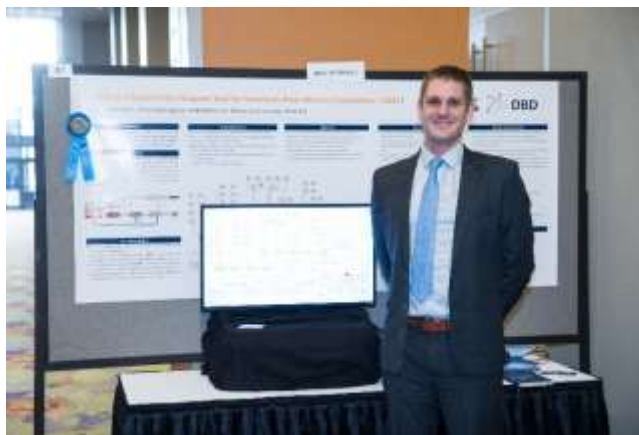
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TRACK 2: HLW/SNF/TRU

Building a System Plan Support Tool for Savannah
River Mission Completion”

#23471

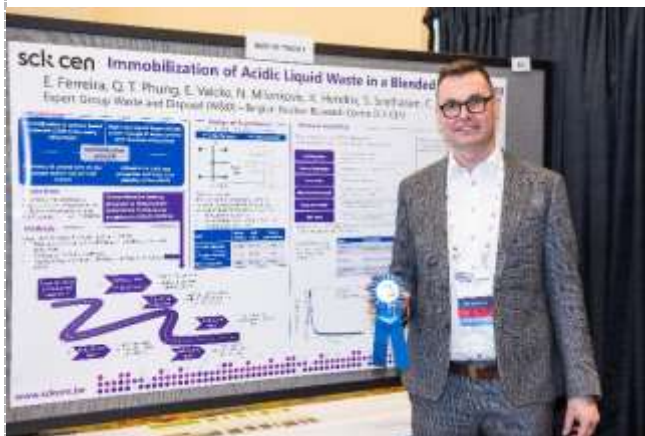


Authors: Simon Woodward(pictured), Scott
Williamson-Owens, DBD International; Andrew Jung,
Savannah River Mission Completion

TRACK 3: L/ILW & NORM

Immobilization of Acidic Liquid Waste in a Blended
Cement

#23582



Authors: Christophe Bruggeman(pictured), Eduardo
Ferreira, Phung Quoc Tri, Elie Valcke, Nenad
Milenkovic, Katrien Hendrix, Suresh Seetharam,
Belgian Nuclear Research Center SCK CEN

TRACK 4: NUCLEAR POWER

No Posters Presented for WM2023



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TRACK 5: PACKAGING & TRANSPORTATION

Robotic Automation for Surplus Plutonium
Disposition Packaging

#23246

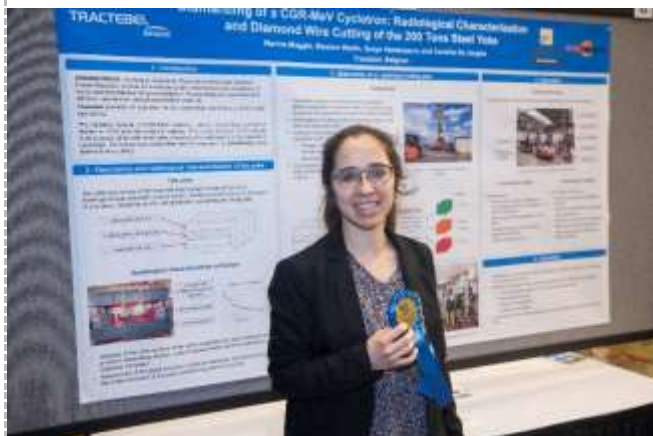


Authors: Nick Spivey(pictured), Tanner Goins,
Michael Tomlin, Savannah River National
Laboratory

TRACK 6: DECONTAMINATION & DECOMMISSIONING

Dismantling of a CGR-MeV Cyclotron: Radiological
Characterization and Diamond Wire Cutting of the
200 Tons Steel Yoke

#23135



Authors: Marine Maggio(pictured), Maxime
Wadin, Serge Vanderperre, Candice De Jonghe,
Tractebel



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TRACK 7: ENVIRONMENTAL REMEDIATION

Interaction of Hydroxyapatite and Uranium in Groundwater at the Old Rifle Site to Facilitate Site Remediation

#23442



Authors: Olivia Bustillo(pictured), Ravi Gudavalli, Applied Research Center – FIU; Hansell Gonzalez Raymat, Savannah River National Laboratory

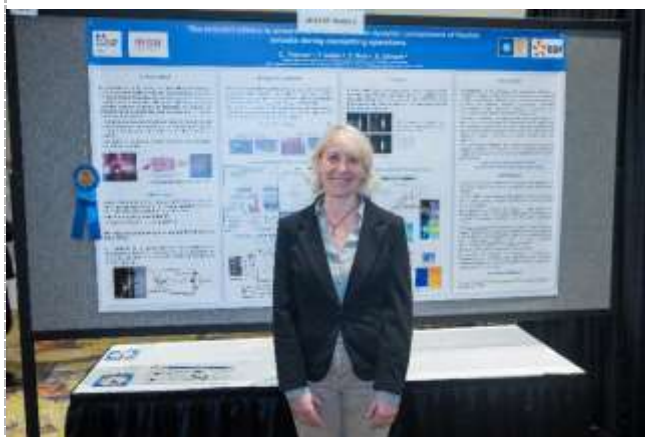
TRACK 8: COMMUNICATION, EDUCATION & TRAINING

No Posters Presented for WM2022

TRACK 9: SPECIAL TOPICS & MULTI- TRACK CROSS CUTTING (ST)

Evaluation of the Relevant Criteria to Ensure the Efficiency of the Dynamic Containment of Site Airlocks

#23043



Authors: Corine Prevost(pictured), Thomas Gelain, Zeinab Rida, IRSN; Eric Climent, IMFT



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**TRACK 10: LEVERAGING SCIENCE, TECHNOLOGY,
ENGINEERING AND MATH EDUCATION FOR THE
FUTURE (STEM)**

No Posters Presented for WM2023

**TRACK 11: ADVANCED NUCLEAR REACTORS FOR
ELECTRICAL POWER AND OTHER APPLICATIONS
(ANR)**

#23468

#23468



Authors: Tamara Shokes(pictured), Carla Miller,
James Cole, Idaho National Laboratory; Carol
Sizemore, David Cook, Oak Ridge National
Laboratory; Laura Jamison, David Jaluvka, Argonne
National Laboratory