

RAMP

Radiation Protection Computer Code
Analysis and Maintenance Program

FALL 2021 USERS GROUP VIRTUAL MEETING

OCTOBER 25, 2021 | 10:00 AM TO 12:00 PM

Virtually hosted on Zoomgov

All times U.S. Eastern Daylight Time (EDT)



STUDENT SYMPOSIUM

Moderator: Jessica Strongin

10:00 AM – 10:15 AM

RAMP Data Management and User Analytics

Jessica Strongin | University of Maryland/NRC

10:15 AM – 10:30 AM

Assessment of the Vehicle Transport Accident Involving Naturally Occurring Radioactive Materials Using RADTRAN

Hilali Hussein Ramadhan | KEPCO International Nuclear
Graduate School, Republic of Korea

10:30 AM – 10:40 AM

Key elements of a field study for the comparison of human and UAV radiological surveys for decommissioning radiological facilities

Kelly O'Malley | Oregon Institute of Technology/PNNL

10:40 AM – 10:55 AM

Interrogation methods for existing computer models

Adam Stein | Carnegie Mellon University

11:00 AM – 11:10 AM Break

11:10 AM – 11:25 AM

Design of a Novel Decision-Making Tool for the Analysis of Protective Actions during a Radiological Release

Emily Downing | Purdue University

11:25 AM – 11:40 AM

Exacting the Science of Sheltering-in-Place

Todd Smith | Oregon State University/NRC

11:40 AM – 11:55 AM

PIMAL Overview and Example Application in Dosimetry Assessment of a Fission-Based Weapon"

Ethan Asano | Georgia Institute of Technology