

RAMP

Radiation Protection Computer Code
Analysis and Maintenance Program

FALL 2021 USERS GROUP VIRTUAL MEETING

OCTOBER 25, 2021 | 1:00 PM TO 4:00 PM

Virtually hosted on Zoomgov

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



DOSIMETRY ANALYSIS SYMPOSIUM

1:00 PM – 1:20 PM

The Taurus Internal Dosimetry Software

Anthony E Riddell, Ph.D. | Internal Dosimetry Group
Leader, Interim Head of Radiation Hazards and
Emergencies Department, United Kingdom Health
Security Agency

1:20 PM – 1:40 PM

Modeling Extravasation Dosimetry

William Thomson, Ph.D. | Head of Physics and Nuclear
Medicine (Ret.), City Hospital, Birmingham, UK

1:40 – 1:50 PM BREAK

1:50 PM – 2:10 PM

Breastfeeding Dosimetry Analysis for Regulatory Guide 8.39 “Release of Patients Administered Radioactive Material”

Roland Benke, Ph.D. | CHP, Partner/Advisory Engineer,
Renaissance Code Development LLC

2:10 PM – 2:30 PM

“Can I Pet My Pets????” A Dosimetry Risk Analysis for Veterinarian Use of Radiopharmaceuticals

Rigel Flora, M.S. | Associate Scientist, Renaissance
Code Development LLC

2:30 PM – 2:50 PM

Dosimetry of Hot Particle in the Gastrointestinal Track

Shlomi Halfon, Ph.D. | Soreq Nuclear Research Center,
Israel

2:50 – 3:00 PM BREAK

3:00 PM – 3:20 PM

Deep Dose Equivalent Analysis Using VARSKIN+

Colby Mangini, Ph.D. | CHP, Advisory Scientist,
Renaissance Code Development LLC

3:20 PM – 3:40 PM

Is Wearing a Mask During a Radiological Emergency Helpful or Harmful? Skin and Inhalation Dose Assessment

Adam Stricker | U.S. NRC Summer Intern

3:40 PM – 4:00 PM

Internal Radiation Dose Evaluation for an Unruptured Post Release Tristructural Isotropic Fuel Particle for Advanced and Micro-reactor Applications

Caitlin Condon, Ph.D. | Pacific Northwest National
Laboratory