

VARSKIN USER'S GROUP MEETING
Oct. 29 – 30, 2018; Ottawa, Ontario
as part of the US NRC 4th Annual RAMP User's Meeting

VARSKIN TECHNICAL SESSION

Monday, October 29, 2018

- 8:00 – 12:00 **RAMP Opening Session**
12:00 – 1:00 **LUNCH**
1:00 – 1:15 **Introductions**
Stephanie Bush-Goddard, US NRC, RAMP Program Manager
David Hamby, Renaissance Code Development, Managing Partner
1:15 – 1:45 **The CNSC's Experience in Evaluating Skin Dose Estimates from Direct Contamination**
Adelene Gaw, Canadian Nuclear Safety Commission
1:45 – 2:15 **Shallow Dose Estimates Using EGS and MCNP**
Colby Mangini, Renaissance Code Development, VARSKIN Principal Investigator
2:15 – 2:45 **BREAK**
2:45 – 3:15 **VARSKIN Limitations**
David Hamby, OSU & Renaissance Code Development
3:15 – 3:45 **Exposure Incident in Australia**
Blake Orr, Australian Radiation Protection
3:45 – 4:15 **Assessment of Skin Dose from Contamination at OPG - Past, Present, and Future**
John Chase, Ontario Power Generation, Whitby

VARSKIN TECHNICAL SESSION

Tuesday, October 30, 2018

- 8:00 – 8:45 **RAMP Morning Primer**
9:00 – 9:30 **Uncertainty/Sensitivity of the Electron and Photon Dosimetry Models**
Logan Anspach, OSU & Renaissance Code Development
9:30 – 10:00 **Software-Based and Measurement Methods Developed and Used by COG Members for the Determination of Skin Dose**
Jacques DuBeau, Detec, Gatineau
10:00 – 10:30 **BREAK**
10:30 – 11:00 **When and How to Use VARSKIN; Why Not to (Always) Trust It**
John Chase, Ontario Power Generation, Whitby
11:00 – 11:30 **Scoping Study for a VARSKIN Neutron Skin Dosimetry Model**
David Hamby, Renaissance Code Development
11:30 – 12:00 **Clinical Sequela of Ionizing Radiation Dose to Skin**
Chris Nagle, Renaissance Code Development
12:00 – 1:00 **LUNCH**
1:00 – 1:30 **U.S. NRC and State of Illinois Response to Scalar Pendants**
Mike Lafranzo, NRC Region III
1:30 – 2:00 **Damaged Gauge Incident**
Vered Shaffer, NRC, Office of Nuclear Regulatory Research
2:00 – 4:00 **VARSKIN Examples, Training Modules, Dosimetry Theory (with a BREAK)**
Colby Mangini, Renaissance Code Development