

RADIATION PROTECTION/HOMELAND SECURITY SUBCOMMITTEE

RP Agenda: Tuesday April 19, 2016 (afternoon)

Chairs: Chip Starns (ScanTech) and Michael Unterweger (NIST)

Breakout Sessions I and II

Radiochemistry of Food and Potable Water

1:45-5:15 pm

- 1:45-2:05 Zhichao Lin, WEAC, FDA
Isotopic Analysis of Plutonium (Pu) in Foods by Inductively-Coupled Plasma Mass Spectrometry
- 2:05-2:25 Abdur-Rafay Shareef, WEAC, FDA
Rapid Detection of Processed Uranium in Foods by ICP-MS
- 2:25-2:45 Clarence Rolle, WEAC, FDA
Method Development of Food Density Corrections for the Detection of Radioactive Contamination in Food Products
- 2:45-3:00 **Break**
- 3:00-3:20 Stephanie Healey, WEAC, FDA
An Intercomparison Study on Gamma Spectrometry Methods Used by FDA Food Emergency Response Radiological Laboratory Network
- 3:20-3:40 William Cunningham, Center for Food Safety and Applied Nutrition, FDA
Samples - Terminology and Processing
- 3:40-4:00 Evgeny Taskaev, Eckert & Ziegler
Whole Reference Sample Concept as an Alternative to Reference Material
- 4:00-5:15 **Wrap-up Discussion**
- 5:15 Adjourn