

Track/Session: Radioisotope Power Systems: Radioisotope development lessons learned and best practices

Tuesday, 27 February 2018, 13:00-14:30, Salon C

Session Chairs: Kelly Lively (INL)

- 13:10 24070 OPTIMIZING MMRTG FUELING AND TESTING FOR FUTURE CAMPAIGNS, Justin Rhys Mansell, Purdue Univ.; Jessica Berry, Colorado School of Mines; Jacob Quint, Univ. of Nebraska-Lincoln; Meng-Jen Wang, Virginia Tech
- 13:30 24111 Cassini Power During the 20 Year Mission and Until the Final Plunge Into Saturn, Jonathan Grandidier, NASA - JPL; David Woerner, NASA - JPL; Thomas Burk, NASA - JPL
- 13:50 24167 Radioisotope Power System Dose Estimation Tool, Michael B. R. Smith, Univ. of Tennessee
- 14:10 24204 CONCEPTUAL DUAL THERMOELECTRIC SPACE RADIOISOTOPE POWER SYSTEM, Daniel P. Kramer, Univ. of Dayton; Richard M. Ambrosi, Univ. of Leicester

Track/Session: Nuclear Missions Applications & Mission Support: Nuclear mission development, system integration, and support processes

Tuesday, 27 February 2018, 13:00-14:30, Salon D

Session Chair: Bhavya Lal (IDA S&T Policy Institute)

- 13:10 24199 SCIENCE ENABLED BY FISSION KILOPOWER AT TITAN, Ralph D. Lorenz, Johns Hopkins Applied Physics Laboratory
- 13:30 24218 Analysis of RPS-Powered Flown Missions and Studied Mission Concepts for Next-Generation RTG Study, Young H. Lee, JPL - CIT; Brian K. Bairstow, JPL - CIT; Knut Oxnevad, JPL - CIT.
- 13:50 24189 RPS-powered Pressure Vessel Mission Concepts for In-Situ Ocean World and Venus Exploration, Brian K. Bairstow, JPL-CIT; Young H. Lee, JPL-CIT; and Alexander Austin JPL-CIT.

ADDED

TUESDAY PM - II

Track/Session: Nuclear Fuels, Materials & Processes: LEU and HEU fuels, fuel forms, and fuels availability

Tuesday, 27 February 2018, 15:00-17:05, Salon E

Session Chair: Chris Whiting (UDRI)