

ing Univ.; Chen Zeng, Harbing Engineering Univ.; Dongdong Yuan, Harbing Engineering Univ.; Kun Cheng, Harbing Engineering Univ.

- 10:40 24347 FUEL GEOMETRY OPTIONS FOR A MODERATED LOW-ENRICHED URANIUM KILOWATT-CLASS SPACE NUCLEAR REACTOR, Leonardo de Holanda Mencarini, Subdivisão de Dados Nucleares - Instituto de Estudos Avançados (IEAv), Trevo Coronel Aviador José Alberto Albano do Amarante and Colorado School of Mines; Jeffrey C. King, Colorado School of Mines.
- 11:00 24197 NEUTRONICS ANALYSIS OF A PRISMATIC GAS COOLED REACTOR CONCEPT FOR SPACE APPLICATION, Xie Yang, Tsinghua Univ.; Ding She, Institute of Nuclear and New Energy Technology, Tsinghua Univ.; Lei Shi, Institute of Nuclear and New Energy Technology, Tsinghua Univ.; Jun Sun, Tsinghua Univ.; Minggang Lang, Institute of Nuclear and New Energy Technology, Tsinghua Univ.; Zeguangu Li, Tsinghua Univ.
- 11:20 24319 MULTIPHYSICS ANALYSIS OF MODERATED SPACE REACTOR, Andrew James Fallgren, LANL; DV Rao, LANL
- 11:40 24255 DESIGN OF THE KRUSTY REACTOR, David I. Poston, LANL; Marc A. Gibson, NASA Glenn Research Center; Thomas Joseph Godfroy, NASA; Patrick McClure, LANL

MONDAY PM - I

Special Panel Session: Emerging Missions for Nuclear Technologies - Commercial and Governmental

Monday, 26 February 2018, 13:00-14:45, Salon E

Session Organizers: Jorge Navarro (ORNL), Leonard Dudzinski (NASA)

Session Chairs: Jorge Navarro (ORNL), Leonard Dudzinski (NASA)

Panel members: Ralph McNutt (Johns Hopkins Univ.), David Schurr (NASA), Christophe Fongarland ([ArianeGroup](#))

(See the Featured Panels description on pg 25 for additional information.)

Track/Session: Nuclear Propulsion: NTP system concepts

Monday, 26 February 2018, 13:00-14:45, Salon C

Session Chairs: Kelsa Benensky (U. Tenn.), Robert O'Brien (INL)

- 13:05 24182 DESIGN COMPARISON OF NUCLEAR THERMAL ROCKET CONCEPTS, David I. Poston, LANL