

**[ThA3] Design, Construction, and Operation of Research Reactors
 (Including Safety, Protection, and Regulations) II**

Date & Time April 11 (Thu.), 2019 / 15:30-17:30

Place Room A (# 204)

Session Chair Jeong Soo Ryu (KAERI)

ThA3-1 [Invited]

15:30-15:50

UMo/Al Dispersion Fuel Development for High Power Research Reactors

Yeon Soo Kim

Argonne National Laboratory, USA

ThA3-2

15:50-16:10

Thermophysical Characteristics of U-Mo/Al Dispersion Fuel

Tae Won Cho^{*}, Yeon Soo Kim², Yong Jin Jeong¹, Kyu Hong Lee¹, Sung Hwan Kim¹, Ki Nam Kim¹,
 and Jong Man Park¹

¹KAERI, Korea, ²Argonne National Laboratory, USA

ThA3-3

16:10-16:30

**Advanced Electron Beam Welding Technology for U-Mo Plate-type Fuel Assembly
 Manufacturing**

Soosung Kim^{*}, Yongjin Jeong, and Jongman Park

KAERI, Korea

ThA3-4

16:30-16:50

Activities to Enhance the Nuclear Safety of Research Reactors in KAERI

Hyeonil Kim^{*}, Jong-Pil Park, Youn-Gyu Jung, Donghyun Kim, Dong-Wook Jang, Cheol Park,
 Su-Ki Park, and Seung-Wook Lee

KAERI, Korea

ThA3-5

16:50-17:10

**Present Status of Document Management System for Research Reactor and Proposal of
 Knowledge Management Program for Nuclear Project**

Kook-Nam Park^{*}, Sung-Taek Hong, Gun-Wook Kang, and Yong-Se Kwon

KAERI, Korea

ThA3-6

17:10-17:30

**Operation Experiences on the Nuclear Signal Processors of Jordan Research and Training
 Reactor (JRTR)**

Yong Suk Suh

KAERI, Korea