

[FrD1] Neutron Scattering and Imaging IV**Date & Time** April 12 (Fri.), 2019 / 09:30-11:20**Place** Room D (# 210+211)**Session Chair** Shin-Ae Kim (KAERI)**FrD1-1****09:30-10:00****Status and Challenges of the HANARO Neutron Science Facility as of April 2019**J. M. Sungil Park
*KAERI, Korea***FrD1-2****10:00-10:20****Current Status of Neutron Radiography Facility, HANARO and Industrial Application**TaeJoo Kim*, JongYul Kim, and WonChuck Woo
*KAERI, Korea***FrD1-3****10:20-10:40****Development of Cold Neutron Bio-REF and Sample Environments at HANARO**Hoyeon Lee¹, Jaseung Koo², and June Hyuk Lee^{1*}
¹*KAERI, Korea*, ²*Chungnam National University, Korea***FrD1-4****10:40-11:00****Current Status of Neutron Triple-axis Spectrometers in HANARO**Haruhiro Hiraka*, Jisung Lee, Byoungil Jeon, Baek-Seok Seong, and Sang-Jin Cho
*KAERI, Korea***FrD1-5****11:00-11:20****New Neutron Optical Devices**Sang Jin Cho
KAERI, Korea