

15th International Conference on Muon Spin Rotation, Relaxation and Resonance



Contribution ID: 311

Type: Oral

Status of μ SR facility in RAON

Tuesday, 30 August 2022 15:15 (15 minutes)

Rare Isotope Science Project (RISP) launched in 2011 to build the Rare isotope Accelerator complex for ON-line experiment for rare isotope science (RAON), ends the 1st stage of which completes one of two main accelerators (low-energy superconducting linac, SCL). Since 2019, μ SR facility has been designed and constructed, composed of muon production target chamber, transport beamline, beam dump, except spectrometer. In this talk, we report the current status of μ SR facility in RAON as an applicative facility of RAON and a tool for investigating materials.

Primary author: Dr LEE, Wonjun (RISP, IBS)

Co-authors: Mr JEONG, Jae Young (Dept. of Nuclear Engineering, Hanyang Univ.); Mr KIM, Jae Chang (Dept. of Nuclear Engineering, Hanyang Univ.); Mr KIM, Yonghyun (Dept. of Nuclear Engineering, Hanyang Univ.); Mr PAK, Kihong (Dept. of Nuclear Engineering, Hanyang Univ.); Mr LIM, Byung Jick (Booil Co.); Dr LEE, Ju Hahn (RISP, IBS); Prof. KIM, Yong Kyun (Dept. of Nuclear Engineering, Hanyang Univ.)

Presenter: Dr LEE, Wonjun (RISP, IBS)

Session Classification: Facility Updates

Track Classification: Facility reports