



# 11th International Geant4 Tutorial in Korea 2024

## Monday, 19 August 2024

### User Session: A case study of advanced ramp-up profile for HTS magnet based carbon therapy synchrotron -

Convergence hall #323 (15:00 - 15:20)

-Conveners: Woojin Song

### User Session: Compatibility of Next-Gen ICRP Reference Computational Phantoms with General-purpose Monte Carlo

codes - Convergence hall #323 (15:20 - 15:40)

-Conveners: Yeon Soo Yeom

### User Session: Determination of beam quality correction factor for alanine dosimetry in clinical proton beams -

Convergence hall #323 (15:40 - 16:00)

-Conveners: Chae-Eon Kim

### User Session: Geant4 simulation for AMoRE experiment - Convergence hall #323 (16:00 - 16:20)

-Conveners: Jeewon Seo

### User Session: Comparative analysis of TID reduction efficiency of multi-layer shields using Geant4, MCNP, and TOPAS -

Convergence hall #323 (16:20 - 16:40)

-Conveners: Hojin Lee

### User Session: Heavy Ion Beam simulation using Geant4 - Convergence hall #323 (16:40 - 17:00)

-Conveners: Kyungho Kim