



Contribution ID: 27

Type: **not specified**

## Neutron shielding strategies for dose quantification in Neutron Capture Enhanced Particle Therapy

*Wednesday, 26 October 2022 12:10 (12 minutes)*

### Topic

Detector Development

**Primary author:** KIELLY, Marissa (Centre for Medical Radiation Physics, University of Wollongong, Australia)

**Co-authors:** CHACON, Andrew (ANSTO); RUTHERFORD, Harley (Centre for Medical Radiation Physics, University of Wollongong, Australia); CARACCIOLO, Anita (Department of Electronics and Information Technologies, Politecnico di Milano, Milano, Italy); ROSENFELD, Anatoly (Centre for Medical Radiation Physics, University of Wollongong); GUATELLI, Susanna (Centre For Medical Radiation Physics, University of Wollongong); CARMINATI, Marco (Istituto Nazionale di Fisica Nucleare); FIORINI, Carlo Ettore Nicola (Istituto Nazionale di Fisica Nucleare); SAFAVI-NAEINI, Mitra (Australian Nuclear Science and Technology Organisation, Australia)

**Presenter:** KIELLY, Marissa (Centre for Medical Radiation Physics, University of Wollongong, Australia)

**Session Classification:** Geant4 for Neutrons and Space