Session Program

21–29 Jul 2022



15th International Conference on Nuclear Data for Science and Technology (ND2022)

Space Applications

Gather.Town

Tuesday 26 July

06:00

Space Applications

Session | **Location:** Capitol | **Convener:** Ramona Vogt

06:00–06:24 **Nuclear Data Needs for Space Radiation Transport Calculations**

Speaker
Lawrence Heilbronn

06:24–06:36 **Theoretical Calculations and Evaluations for n+28,29,30Si Reactions**

Speakers
Mr Yinlu Han, Yue Zhang

06:36–06:48 **Total nuclear reaction cross-section database for radiation protection in space applications**

Speaker
Francesca Luoni

06:48–07:12 **Prospects for Measurements of Production Cross Sections of Light Nuclei at RHIC**

Speaker
Prof. Daniel Cebra

07:12–07:24 **Stopping Power and Neutron Scattering Measurements in Support of Space Exploration**

Speaker
Prof. Lee Bernstein

07:30