Session Program

21–29 Jul 2022



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

Medical Applications

Gather.Town

Monday 25 July

09:30

Medical Applications

Session | **Location:** Capitol | **Convener:** Toni Kogler

09:30–09:54

Investigating the production of medical imaging radioisotopes using laser-accelerated protons.

Speaker
Mr Juan Peñas

09:54–10:06 **Determination of positron emission probability in the decay of 86Y**

Speakers
Dr M. S. Uddin, Dr Shamsuzzoh Basunia

10:06–10:18 **Mesurement of the 160Gd(n, γ) cross section at n_TOF and its medical implications**

Speakers
Dr Mario Mastromarco, and the n_TOF Collaboration

10:18–10:30 **Measurement of the 176Yb(n,γ) cross-section and its application to nuclear medicine**

Speaker
Mr Francisco García-Infantes

11:00