



# 15th Varenna Conference on Nuclear Reaction Mechanisms

## Wednesday, June 13, 2018

### Medical radioisotopes (9:00 AM - 11:00 AM)

-Conveners: Luciano Canton

time	[id] title	presenter
9:00 AM	[M1] Future production of medical radioisotopes	BRANDENBURG, Sytze
9:30 AM	[M3] Nuclear data for production of novel medical radionuclides	QAIM, Syed M.
10:00 AM	[M2] Diagnostic (99Mo/99mTc) and Therapeutic (67Cu) Radioisotopes Produced by Neutrons from C,Be(d,n)	Prof. NAGAI, Yasuki
10:30 AM	[M5] Cyclotron-based production of the theranostic radionuclides 67Cu and 47Sc	PUPILLO, Gaia

### Medical radioisotopes (11:30 AM - 1:10 PM)

-Conveners: Arjan Plompen

time	[id] title	presenter
11:30 AM	[M6] Challenges in the modeling of nuclear reactions for theranostic applications	FONTANA, Andrea
11:50 AM	[M0] NUCLEAR DATA FOR THE PRODUCTION OF MEDICAL RADIONUCLIDES	CAPOTE, Roberto
12:10 PM	[M7] Production of innovative radionuclides for therapy or diagnostic: nuclear data measurements and comparisons with the TALYS code	GUERTIN, Arnaud
12:30 PM	[M5] Production of medically interesting $^{97}\text{Ru}$ via $^{nat}\text{Mo}(\alpha, x)$ above 40 MeV at ARRONAX	SITARZ, Mateusz
12:50 PM	[M7] General discussion	