

Session Program

May 15 - 20, 2022



RadChem 2022

Radionuclides Production & Application

Casino Conference Centre
Reitenbergerova 4/95, Mariánské Lázně, Czech Republic

Tue, May 17

10:30 AM

Radionuclides Production & Application: PAR 1

Session | Location: Red Hall | Conveners: Xiaolin Hou, Antonia Denkova

10:30 - 10:50 AM

Updating the nuclear databases: re-measurement of the half-life of Sm-146, Gd-148, and Dy-154

Speaker

Nadine Mariel Chiera

10:50 - 11:10 AM

SHINE Phase II of IV: a focus on Lu-177

Speaker

Cory Hawkins

11:10 - 11:30 AM

Metal-organic frameworks as adsorbent for the 99Mo/99mTc generator

Speaker

Chao Ma

11:30 AM - 12:00 PM

Nuclear fission products from the SINQ gas-jet facility

Speaker

Mr Georg Tiebel

12:00 PM

Thu, May 19

3:30 PM

Radionuclides Production & Application: PAR 2

Session | **Location:** Red Hall | **Conveners:** Jiří Mizera, Pavol Rajec

3:30 – 4:00 PM

Separation of ^{213}Bi via an inverse $^{225}\text{Ac}/^{213}\text{Bi}$ radionuclide generator based on sulfonated carbon materials

Speaker

Mr Hongshan Zhu

4:00 – 4:20 PM

Preparation Thin Film Sources of Radiolanthanides for the Measurement of Auger Electron Energies and Branching Ratios

Speaker

Noemi Cerboni

4:20 – 4:40 PM

Molybdenum nanoparticles as target for the production of molybdenum-99

Speaker

Pablo Serra Crespo

4:40 – 5:00 PM

Designing metal oxide-based stationary phases for the separation of Ac-225 and Bi-213 for biomedical applications

Speaker

Ms Hilde Lenaerts

5:00 PM

5:15 PM

Radionuclides Production & Application: PAR Poster

Session | **Location:** Gallery

5:15 – 5:33 PM

Measurements of cumulative cross sections

Speaker

Sandor Takacs

5:33 – 5:51 PM

Production of high specific activity ^{51}Cr by chromium-based metal-organic frameworks and the Szilard-Chalmers effect

Speaker

Chao Ma

5:51 – 6:09 PM

Production of ^{212}Pb tracer from ^{232}Th and its application to investigate lead chemistry in acidic nitro-phosphate solutions

Speaker

Deniz Avsar

6:10 - 6:13 PM

Designing metal oxide-based stationary phases for the separation of Ac-225 and Bi-213 for biomedical applications

Speaker

Hilde Lenaerts

6:45 PM