

Astrophysics with Radioactive Isotopes

Monday 13 June 2022

Morning session 2: in person talks (11:30 - 13:00)

-Conveners: Benjamin Wehmeyer

time	[id] title	presenter
11:30	[104] Very massive stars winds as sources of the short-lived ^{26}Al radioactive isotope	MARTINET, Sébastien
11:50	[105] Chemical Evolution of ^{26}Al and ^{60}Fe in the Milky Way	VASINI, Arianna
12:00	[106] The γ -process nucleosynthesis in core-collapse supernovae	ROBERTI, Lorenzo
12:20	[107] Looking for dust in core-collapse supernovae with a Bayesian approach	ZSÍROS, Szanna
12:30	[108] Prospects for Nucleosynthesis Observations with NASA's new Gamma-Ray Mission COSI	SIEGERT, Thomas

Tuesday 14 June 2022

Morning session 2: in person and online talks (11:30 - 13:00)

-Conveners: Jenny Feige

time	[id] title	presenter
11:30	[130] Technetium in and Mass-Loss from Mira Stars	UTTENTHALER, Stefan
11:50	[131] Galactic Chemical Evolution with radioactive isotopes	WEHMEYER, Benjamin
12:10	[133] The tunable Laue lens – a new telescope for MeV gamma ray	LUND, Niels
12:30	[132] Verifying footprints of solar cycles and supernovae in polar ice cores	MOTIZUKI, Yuko

Wednesday 15 June 2022

Morning session 2: online and in person talks (11:30 - 13:00)

-Conveners: Carla Frohlich

time	[id] title	presenter
11:30	[143] 'Ni problem' in Canonical and Ultrastripped Supernova Explosions	SAWADA, Ryo
11:50	[144] Beta-Delayed Neutron-Emission Probabilities of 20 neutron-rich Ag, Cd, In and Sn isotopes: Impacts on the second r-process peak formation	VI, Phong
12:10	[145] r-Process Radioisotopes from Near-Earth Supernovae and Kilonovae	WANG, Xilu
12:30	[154] Decay properties of the nuclei with neutron number $N=126$: A stretch of the r-process pathway	SAXENA, Gaurav
12:40	[141] Galactic Chemical Evolution of Short-Lived Radioactive Isotopes in the Milky Way galaxy	KAUR, Tejpreet

Thursday 16 June 2022

Morning session 2: in person talks (11:30 - 12:50)

-Conveners: Anton Wallner

time	[id] title	presenter
11:30	[150] Alpha-induced cross section measurements for explosive nucleosynthesis scenarios by the activation method	SZEGEDI, Tibor Norbert
11:50	[163] Reaction rates of alpha-induced reactions from the new Atomki-V2 α -nucleus potential	MOHR, Peter
12:20	[164] DISCUSSION: All the different $^{60}\text{Fe}/^{26}\text{Al}$ ratios	LUGARO, Maria