

Nuclei in the Cosmos (NIC XVII)

Thursday, September 21, 2023

Core-collapse supernovae, mergers and the r-process (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[174] The r-process and neutrinos in neutron star mergers	MCLAUGHLIN, Gail
9:30 AM	[51] Binary Neutron Stars, Core Collapse Supernovae and the Nuclear Equation of State	MATHEWS, Grant
9:45 AM	[35] Role of light-mass nuclear reactions in the r-process nucleosynthesis, revisited	KIM, Youngman
10:00 AM	[106] Chemical compositions of r-process enhanced metal-poor stars discovered by the LAMOST/Subaru telescopes	HONDA, Satoshi
10:15 AM	[114] Optical properties of magneto-rotational jet-driven supernovae associated with r-process nucleosynthesis	Dr NISHIMURA, Nobuya

Friday, September 22, 2023

Core-collapse supernovae, mergers and the r-process (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[220] Probing heavy element nucleosynthesis through electromagnetic observations	MARTÍNEZ-PINEDO, Gabriel
9:30 AM	[36] Molecule formation in the ejecta of SN 1987A: the impact of effective matter mixing based on 3D hydrodynamical models	ONO, Masaomi
9:45 AM	[112] Neutrino-Driven Outflows and the Origin of Light Heavy Elements	PSALTIS, Thanassis
10:00 AM	[11] The p-process nucleosynthesis in core-collapse supernovae	ROBERTI, Lorenzo
10:15 AM	[117] The neutrino-process in core-collapse supernova with strong magnetic field	KO, Heamin