

PASTO - Particle Acceleration in Astrophysical Objects

Tuesday, 6 September 2022

Galactic Astrophysical Accelerators (09:00 - 10:30)

-Conveners: Barbara Olmi

time	[id] title	presenter
09:00	[47] Review talk: Galactic astrophysical accelerators: an overview	AMATO, Elena
09:55	[58] Thematic - Phenomenology (S. Gabici)	

Galactic Astrophysical Accelerators (11:10 - 12:25)

-Conveners: Barbara Olmi

time	[id] title	presenter
11:10	[25] Thematic talk: Theoretical studies of gamma-ray binaries as powerful galactic accelerators	BOSCH-RAMON, Valenti
11:45	[37] Leptonic Nonthermal Emission from Supernova Remnants Evolving in the Circumstellar Magnetic Field	SUSHCH, Iurii
12:05	[36] Gamma-ray and X-ray study of possibly oldest GeV supernova remnant G298.6-0.0	YEUNG, Paul (Kin-Hang)

Galactic Astrophysical Accelerators (13:50 - 15:20)

-Conveners: Martina Cardillo

time	[id] title	presenter
13:50	[60] Thematic - Pevatrons (P. Cristofari)	
14:25	[78] Thematic talk: High-energy neutrinos from the Galaxy: expectations and experimental results	CELLI, Silvia
15:00	[39] On the X-ray features associated to some bow-shock pulsar wind nebulae	BANDIERA, Rino

Galactic Astrophysical Accelerators (15:50 - 17:20)

-Conveners: Lucio Angelo Antonelli

time	[id] title	presenter
15:50	[44] The formation of gamma-ray halos around supernova remnants through particle escape	BROSE, Robert
16:10	[27] First X-ray polarimetry measurements of supernova remnants with IXPE	FERRAZZOLI, Riccardo
16:30	[30] How radio observations can support ASTRI Mini-Array Galactic science	INGALLINERA, Adriano
16:50	[42] Modeling the Gamma-ray Emission from the Symbiotic Nova RS Ophiuchi	DEL VALLE, María Victoria
17:10	[40] Particle Acceleration at Reflected Shocks in Supernovae Remnants:	LE ROUX, Jacobus Frederik