

Cosmic Magnetism in Voids and Filaments

Tuesday, 24 January 2023

Tuesday (09:00 - 12:00)

-Conveners: Kerstin Kunze

time	[id] title	presenter
09:00	[46] The importance of Blazars in the cosmic magnetic field scenario	RIGHI, Chiara
09:30	[48] Multi-messenger constraints on cosmological magnetic fields	NERONOV, Andrii
10:00	[47] Cosmic magnetism through the lens of gamma rays	ALVES BATISTA, Rafael
10:30	[49] Density Perturbations sourced by Primordial Magnetic Fields	TRIVEDI, Pranjal
10:50	Coffee break	
11:10	[50] Using the TXS 0506+056 Flare to Constrain Integralactic Magnetic Fields	SAVELIEV, Andrey
11:30	[51] Effect of a primordial magnetic field on a warm inflation scenario.	PICCINELLI BOCCHI, Gabriella

Tuesday (14:00 - 18:10)

-Conveners: Franco Vazza

time	[id] title	presenter
14:00	[52] Simulating the origin and evolution of Magnetic Fields in large scale structures: Numerical challenges and the interplay with Turbulence and CRs (review)	DOLAG, Klaus
14:30	[53] Magnetogenesis in the first galaxies: the impact of seeding processes on galaxy formation	GARALDI, Enrico
15:00	[54] Messengers from the Early Universe: Magnetic Fields, Turbulence, and Gravitational Waves	KAHNIASHVILI, Tina
15:30	[84] Cosmological-scale magnetic fields from galactic outflows and search for primordial magnetic field	BONDARENKO, Kyrylo
15:50	Coffee break	
16:10	[56] Illuminating the magnetised cosmic web (online)	O'SULLIVAN, Shane
16:30	[57] Modelling the Evolution of Primordial Magnetic Fields	MTCHEDLIDZE, Salome
17:00	[58] Simulations of the Synchrotron Cosmic Web	BÖSS, Ludwig
17:20	[91] Numerical discussion: what can we trust and what we still do not trust in numerical predictions of cosmic magnetism?	VAZZA, Franco