

Cosmic Magnetism in Voids and Filaments

Wednesday, 25 January 2023

Wednesday (09:00 - 12:00)

-Conveners: Rafael Alves Batista

| time | [id] title | presenter |
|-------|--|-----------------------------------|
| 09:00 | [59] Primordial magnetic field signals in the 21 cm background | KUNZE, Kerstin |
| 09:30 | [60] Constraints on Primordial Magnetic Fields with Faraday Rotation. Impact of CMB foregrounds | Prof. RUBINO-MARTIN, Jose Alberto |
| 10:00 | [61] Intergalactic Magnetic Field studies with the MAGIC telescopes | DA VELA, Paolo |
| 10:30 | [86] Topological data analysis and complex network methods in analysing Cosmic Web (online) | TSIZH, Maksym |
| 10:50 | Coffee break | |
| 11:10 | [63] Probing the intergalactic magnetic field through gamma-ray observations with the Fermi LAT and H.E.S.S. | MEYER, Manuel |
| 11:40 | [64] The Polarisation Sky Survey of the Universe's Magnetism (POSSUM) | GAENSLER, Bryan |

Wednesday (14:00 - 16:50)

-Conveners: Elisa Prandini

| time | [id] title | presenter |
|-------|--|-----------------------|
| 14:00 | [65] Intergalactic magnetic field constraints with VERITAS | PUESCHEL, Elisa |
| 14:30 | [67] Prospects on the content of cosmic voids with the Cherenkov Telescope Array | BITEAU, Jonathan |
| 15:00 | [68] Detectability of intergalactic magnetic field signatures from gamma-ray bursts with IACTs | MICELI, Davide |
| 15:20 | [66] Intergalactic magnetic field studies by means of gamma-ray emission from GRB 190114C | MARTÍ-DEVESA, Guillem |
| 15:40 | Coffee break | |
| 16:00 | [69] Round table: Limits from TeV data: status and future perspectives | PRANDINI, Elisa |