

From Planck to the future of CMB

Wednesday, 25 May 2022

Foregrounds - Aula Magna, Palazzo Mosti (09:00 - 10:40)

-Conveners: Carlo Baccigalupi

time	[id] title	presenter
09:00	[132] Invited talk by Nicoletta Krachmalnicoff (SISSA) on "Characterization of Foreground emission for CMB experiments: current status and future prospective"	
09:30	[133] Invited talk by Mathieu Remazeilles (IFCA Santander) on "Next steps in component separation for new CMB observables"	
10:00	[134] Niall Jeffrey (UCL) "Single frequency CMB B-mode inference with realistic foregrounds from a single training image"	
10:20	[135] Elena de la Hoz (IFCA Santander) "Diffuse polarized foregrounds from component separation with QUIJOTE-MFI"	

Foregrounds - Aula Magna, Palazzo Mosti (11:00 - 12:50)

-Conveners: Carlo Baccigalupi

time	[id] title	presenter
11:00	[168] Benjamin Beringue (Cardiff University) "Component separation for the Simons Observatory Large Aperture Telescope"	
11:20	[137] Alessia Ritacco (INAF OAC) "First low latitudes reconstruction of the dust polarization spectral energy distribution variation"	
11:40	[138] Giuseppe Puglisi (Tor Vergata University) "Foreground Removal for B-Modes Detection with Clustering Methods"	
12:00	[172] Brandon Hensley (Princeton University) "Beyond Foregrounds: Galactic Science in the 2020s"	
12:20	[139] Discussion (Carlo Baccigalupi, Nicoletta Krachmalnicoff, Mathieu Remazeilles)	