

Scientific Programme of the Cold Cores 2023 Meeting

Wednesday, 24th of May

Start	End	Duration (h:min)	Topic	Speaker
8:30	8:40	0:10	Opening of the meeting	
8:40	9:20	0:40	"Galaxy mergers and star formation"	Viktor Toth
9:20	10:00	0:40	"Towards a statistical understanding of the star formation process"	Alvaro Sanchez-Monge
10:00	10:50	0:50	Coffee Break	
10:50	11:20	0:30	"Morphology and fragmentation of a high-mass star-forming filament"	Emma Mannfors
11:20	12:00	0:40	"Dust column densities: errors, estimates, and error estimates"	Mika Juvela
12:00	12:30	0:30	"3D extinction mapping of the Milky Way with the Besançon Galaxy Model in the Gaia era"	Barnabe Deforet
12:30	14:00	1:30	Lunch break	
14:00	14:30	0:30	"Determining distances to cold cores using stellar parallax measurements from Gaia"	Doug Marshall
14:30	15:00	0:30	"VLA observations of young stellar clusters"	Gemma Busquet
15:00	16:00	1:00	Discussion	
16:00	17:00	1:00	Coffee Break	
17:00			End of the day	

Thursday, 25th of May

Start	End	Duration (h:min)	Topic	Speaker
8:30	9:10	0:40	"Will ALMA Reveal the True Core Mass Function of Protoclusters?"	Paolo Padoan
9:10	9:40	0:30	"Automated search for hub-filament systems in numerical simulations data"	Dana Makarova
9:40	10:10	0:30	"Large-scale accretion in Class II YSOs"	Veli-Matti Pelkonen
10:10	11:00	0:50	Coffee Break	
11:00	11:40	0:40	"Magnetic field of a ring-like star forming molecular cloud"	Dana Alina
11:40	12:10	0:30	"Magnetized Clustered Molecular Clouds in Orion"	Bo Huang
12:10	12:40	0:30	"The B335 magnetized core: on the ionization fraction"	Josep-Miquel Girart
12:40	14:10	1:30	Lunch break	
14:10	14:50	0:40	"Multi-component Magnetic Field in the Sagittarius Spiral Arm"	Yasuo Doi
14:50	15:20	0:30	"Statistical Analysis of the Relative Orientation Between Filaments and Magnetic Fields in Star Forming Regions"	Jonathan Oers
15:20	16:10	0:50	Discussion	
16:10	17:00	0:50	Coffee Break	
17:00			End of the day	
19:00	22:00	3:00	Conference Dinner	

Friday, 26th of May

Start	End	Duration (h:min)	Topic	Speaker
8:30	9:00	0:30	"Magnetic field and gas: models to quantify magnetic braking"	Nacho Añez-López
9:00	9:30	0:30	"Latest news from the B-FROST programme"	Julien Montillaud
9:30	10:00	0:30	"Multi-scale dynamics and magnetic fields in the high-latitude molecular cloud MBM12"	Job Vorster
10:00	11:00	1:00	Discussion	
11:00	12:00	1:00	Coffee Break	
12:00			End of the meeting	