Theoretical Insights into Star Formation: from the Early to the Present Day Universe

Tuesday 6 May 2025

Session 1b: Galactic Star Formation (2) (14:30 - 18:10)

time	[id] title	presenter
14:30	[51] How we think planet formation disks are forming? The past, the present and the future	Prof. HENNEBELLE, Patrick
15:00	[50] Theoretical models for filamentary structures and collapse of pre-stellar cores	Dr TOCI, Claudia
15:20	[46] Accretion disks and massive stars: New light on an ancient history	CESARONI, Riccardo
15:40	[69] Clusters, Associations and the Stellar Mantle	STAHLER, Steven
16:00	[84] Poster Session (3)	
	- [1] Explosive outflows produced by gravitational interactions	Dr RIVERA-ORTIZ, Pedro R.
	- [2] Observations of spiral and streamer on a candidate proto-brown dwarf	RIAZ, Basmah
	- [3] Dust dynamics during the protostellar collapse	VERRIER, Gabriel
	- [4] Tracking Star-Forming Cores as Mass Reservoirs in Clustered and Isolated Regions Using Numerical Passive Tracer Particles	Mr NOZAKI, Shingo
	- [5] Gravity at Work: Energy Budget in Simulated Hub-Filament Systems	CAMACHO, Vianey
16:10	Coffee Break	
16:40	[17] Investigating the origin of stellar masses with ALMA-IMF	NONY, Thomas
17:00	[36] Exploring Accretion Variability via Jet Evolution in G023.01-00.41	RODRIGUEZ, Tatiana
17:20	[54] Dusty protostellar collapses simulations in 3D with dust growth	MAURY, Anaëlle
17:40	[21] Core Formation in Molecular Clouds: Evidence Favoring Turbulent Over Gravitational Fragmentation	Dr NAKAMURA, Fumitaka
18:00	[85] Poster Session (4)	
	- [1] Morphological comparison of molecular emission with continuum emission in ALMAGAL clumps	MININNI, Chiara
	- [2] The Rosetta Stone Project: synthetic observations of high-mass clumps fragmentation	NUCARA, Alice
	- [3] Dynamics and infall properties observed at 5000 AU in the ALMAGAL sample	BERTI, Leonardo