

# Timetable

CT: Contributed Talk, IT: Invited Talk

## Monday, 18<sup>th</sup> October 2021

09:00–09:20	Opening Remarks ( <i>Eucharia Meehan (CEO and Registrar DIAS) and Tom Ray</i> )		
<b>Session 1: Molecular Clouds</b>			
09:20–09:55	IT	<b>Tom Megeath</b> University of Toledo	Star Formation at Molecular Cloud Scales: An Observational Perspective
09:55–10:15	CT	<b>Enrique Vazquez-Semadeni</b> Universidad Nacional Autónoma de México	Understanding Multi-Scale Gravitational Collapse Flow
10:15–10:35	CT	<b>Andres Burkert</b> University of Munich	Collapsing Sheets and the Power of the Edge Effect
10:35–10:55	CT	<b>Mike Grudic</b> NASA/Carnegie Observatories	Star Formation in GMCs: A View from STARFORGE
10:55–11:20	<b>Coffee Break</b>		
11:20–11:55	IT	<b>Fabian Heitsch</b> University of North Carolina	Cloud Formation in Supershells: Insight from Simulations
11:55–12:15	CT	<b>Jan Forbrich</b> University of Hertfordshire	Beyond the Milky Way: Resolved Dust Continuum and CO Observations of GMCs in M31
12:15–12:35	CT	<b>Daniel Seifried</b> University of Cologne	Synthetic Polarisation Observations? Insights into the Dynamics and Dust Properties of Molecular Clouds
12:35–14:05	<b>Lunch</b>		
<b>Session 2: The IMF</b>			
14:05–14:40	IT	<b>Patrick Hennebelle</b> CEA, Université Paris-Saclay	What Determines the Stellar Initial Mass Function?
14:40–15:00	CT	<b>Tyler Bourke</b> SKA Observatory	MASSES - How do Stars get their Mass?
15:00–15:20	CT	<b>Laura Venuti</b> SETI Institute	Multicolor Variability of Young Stars across the Mass Spectrum
15:20–15:40	CT	<b>Rene Oudmaijer</b> University of Leeds	The Formation and Evolution of Herbig Ae/Be Stars
15:40–16:05	<b>Coffee Break</b>		
16:05–16:40	IT	<b>César Briceño</b> Cerro Tololo Inter-American Observatory	Observational Studies of the IMF: From My Work with Lee Hartmann to the Present
16:40–17:00	CT	<b>Thomas Nony</b> Instituto de Radioastronomía y Astrofísica, UNAM	Overview of ALMA-IMF, the ALMA Large Program Investigating the Origin of Stellar Masses
17:00–17:20	CT	<b>Nichol Cunningham</b> IPAG, Université Grenoble Alpes	ALMA-IMF: Characterising the Dense Core Population towards 15 Massive Protoclusters
17:20–18:00	90 second pre-recorded poster pitch (30 posters)		

Tuesday, 19<sup>th</sup> October 2021

<b>Session 3: SF in the Gaia Era</b>			
09:05–09:40	IT	<b>Jesús Hernández</b> Universidad Nacional Autónoma de México	Rotation, Kinematics and Light Curve Morphology of T-Tauri Stars in the Orion Star Forming Complex
09:40–10:15	IT	<b>Marina Kounkal</b> Western Washington University	The Dynamical Zoo of Star Formation
10:15–10:35	CT	<b>João Alves</b> University of Vienna	How 3D Changes Everything: The New Local Milky Way
10:35–10:55	CT	<b>Vito Squicciarini</b> INAF, Università di Padova	Episodic Star Formation in the Upper Scorpius Association Traced by its Kinematics
10:55–11:20	<b>Coffee Break</b>		
<b>Session 4: Star-disc Interaction</b>			
11:20–11:55	IT	<b>Nuria Calvet</b> The University of Michigan	Lee Hartmann and our Understanding of Accretion Discs Around Young Stars
11:55–12:15	CT	<b>Carlo Manara</b> ESO Garching	Accretion Processes in Protoplanetary Disc Evolution
12:15–12:35	CT	<b>Shinsuke Takasao</b> Osaka University	3D MHD Modelling of Magnetospheric Accretion from the Turbulent Disc
12:35–14:05	<b>Lunch</b>		
14:05–14:40	IT	<b>Silvia Alencar</b> Universidade Federal de Minas Gerais	Time-series spectroscopy and photometry as a probe to star-disc interaction
14:40–15:00	CT	<b>Adam Ginsburg</b> University of Florida	How do Massive Stars get their Gas?
15:00–15:20	CT	<b>Jorick Vink</b> Armagh Observatory and Planetarium	The Accretion Rate Versus Age and Mass
15:20–15:40	CT	<b>Manuele Gangi</b> INAF, Osservatorio Astronomico di Roma	GIARPS High-Resolution Observations of T-Tauri Stars (GHOS <sup>T</sup> ): Accretion Properties in the Taurus-Auriga Region
15:40–16:05	<b>Coffee Break</b>		
16:05–16:40	IT	<b>Rebeca Garcia Lopez</b> University College Dublin	Inner Regions of Protoplanetary Discs: An Interferometric View
16:40–17:00	CT	<b>Alberto Sanna</b> INAF, Astronomical Observatory of Cagliari	Physical Conditions in the Warped Accretion Disc of a Massive Star
17:00–17:20	CT	<b>Alana Sousa</b> IPAG, Université Grenoble Alpes	Star-Disc Interactions in T-Tauri Star V2129 Oph: Combining Optical and Infrared Spectroscopy
17:20–17:40	CT	<b>Pauline McGinnis</b> Dublin Institute for Advanced Studies	Investigating Dipper Disc Behaviour in Upper Scorpius with Multi-Epoch X-Shooter Spectra
17:40–18:00	90 second pre-recorded poster pitch (15 posters)		

## Wednesday, 20<sup>th</sup> October 2021

<b>Session 5: Discs</b>			
09:00–09:35	IT	<b>Myriam Benisty</b> IPAG, Université Grenoble Alpes	High Resolution Observations of Protoplanetary Disc Structures
09:35–09:55	CT	<b>Kamber Schwarz</b> Max Planck Institut für Astronomie	The Massive Disc Around GM Aurigae: Cold, CO Depleted, and Unstable?
09:55–10:15	CT	<b>Karina Maucó</b> Universidad de Valparaíso	Characterisation of the Dust Content in the Ring Around Sz 91
10:15–10:35	CT	<b>Claire Davies</b> University of Exeter	Scattering and Sublimation: A Multi-Scale View of Micron-Scale Dust in the Inclined Disc of HD 145718
10:35–10:55	CT	<b>Evgenia Koumpia</b> University of Leeds	The First Interferometric Survey in K-band of Massive YSOs
10:55–11:20	<b>Coffee Break</b>		
11:20–11:55	IT	<b>Zhaohuan Zhu</b> University of Nevada	Spirals induced by planets and disc self-gravity
11:55–12:15	CT	<b>Shangjia Zhang</b> University of Nevada	Self-Consistent Ring Model in Protoplanetary Discs: Temperature Dips and Multiple Ring Formation
12:15–12:35	CT	<b>Jaehan Bae</b> University of Florida	Discovery of a Streamer around a Self-Gravitating Protoplanetary Disc
12:35–13:10	IT	<b>Michael Meyer</b> The University of Michigan	Circumstellar Disc Lifetimes versus Stellar Mass: Constraints on the Gas Giant Planet Mass Function
13:10–14:40	<b>Lunch</b>		

## Thursday, 21<sup>st</sup> October 2021

<b>Session 6: Eruptive Phenomena</b>			
09:05–09:40	IT	<b>Gregory Herczeg</b> Kavli Institute for Astronomy and Astrophysics	Accretion variability through the disc lifetime
09:40–10:15	IT	<b>Ágnes Kóspál</b> Konkoly Observatory	Young Eruptive Stars in the View of the Latest Observations
10:15–10:35	CT	<b>Philip Lucas</b> University of Hertfordshire	The Long, the Short and the Tall: The FUor/EXor Transition in Class I YSOs
10:35–10:55	CT	<b>Basma Riaz</b> Universitäts-Sternwarte München	Accretion and Outflow Activity in Proto-Brown Dwarfs
10:55–11:20	<b>Coffee Break</b>		
11:20–11:55	IT	<b>Lynne Hillenbrand</b> California Institute of Technology	Lightcurves and Spectra and Theory, Oh My!
11:55–12:15	CT	<b>Péter Ábrahám</b> Konkoly Observatory	Young Eruptive Stars with the Highest Angular Resolution
12:15–12:35	90 second pre-recorded poster pitch (15 posters)		
12:35–14:05	<b>Lunch</b>		
<b>Session 7: Jets, Winds and Feedback</b>			
14:05–14:40	IT	<b>Catherine Dougados</b> IPAG, Université Grenoble Alpes	The Origin of Jets and Outflows and their Relation to Planet Forming
14:40–15:00	CT	<b>Emma Whelan</b> Maynooth University	Searching for an MHD Disc Wind Component via Optical Forbidden Emission Line Spectro-astrometry
15:00–15:20	CT	<b>Simon Purser</b> Dublin Institute for Advanced Studies	A LOFAR Survey of the Taurus and Perseus Molecular Clouds
15:20–15:40	CT	<b>Jaime Vargas González</b> University of Hertfordshire	High-energy Processes in Orion YSOs with the VLA, ALMA and the VLBA
15:40–16:05	<b>Coffee Break</b>		
16:05–16:40	IT	<b>Héctor Arce</b> Yale University	Outflows from Young Stars and their Impact on the Star Formation Process
16:40–17:00	CT	<b>Chenghan Hsieh</b> Yale University	The Evolution of Protostellar Outflows and Molecular Bullets in Orion A
17:00–18:00	Discussions and Concluding Remarks ( <i>Lee Hartmann and Javier Ballesteros-Paredes</i> )		