



SEDIGISM

WORKSHOP

15TH / 16TH / 17TH SEPTEMBER 2021

Programme*

* All times are in BST

Day 1 (15.09.2021)

Session: **Overview of survey status and published results**

Chair: Ana Duarte Cabral

14h00 – 14h30		Welcome and Introductions
14h30 – 15h00	<i>James Urquhart</i>	Overview of survey status and core papers
15h00 – 15h30	<i>Ana Duarte Cabral</i>	Molecular cloud catalogue
15h30 – 15h45		Break
15h45 – 16h15	<i>Dario Colombo</i>	Spiral arms
16h15 – 16h45	<i>Aiyuan Yang</i>	Outflows
16h45 – 17h15	<i>Veena V. S.</i>	Molecular Wave
17h15 – 17h30		Discussion/closing remarks

Day 2 (16.09.2021)

Session: **On-going projects**

Chair: Dario Colombo

13h00 – 13h15		Welcome
13h15 – 13h45	<i>Michael Mattern</i>	ATLASGAL filaments and Nessie filament
13h45 – 14h15	<i>Eugenio Schisano (Dario Colombo)</i>	Confirming HiGAL Filaments using SEDIGISM
14h15 – 14h45	<i>Ke Wang</i>	Large scale filaments
14h45 – 15h00		Break
15h00 – 15h30	<i>Kartik Neralwar</i>	Molecular cloud morphology
15h30 – 16h00	<i>Thanh Dat Hoang</i>	Kinematics at different scales on ATLASGAL top-100
16h00 – 16h30	<i>Peter Barnes</i>	Multi-line radiative transfer
16h30 – 16h45		Discussion/closing remarks

Day 3 (17.09.2021)

Session: **Future directions**

Chair: James Urquhart

13h00 – 13h15		Welcome
13h15 – 13h35	<i>Veena V. S.</i>	Extended molecular ring in GC & IRDCs molecular rings
13h35 – 13h55	<i>Juan Soler</i>	Atomic and molecular filaments
13h55 – 14h15	<i>Alessio Traficante</i>	Multi-scale turbulence vs gravity
14h15 – 14h35	<i>Sudeep Neupane</i>	SuperMALT
14h35 – 14h55	<i>Carsten König</i>	OGHReS
14h55 – 15h10		Break
15h10 – 15h30	<i>Clare Dobbs</i>	Numerical sims - Exeter work and links to SEDIGISM
15h30 – 15h50	<i>Alex Pettitt</i>	Numerical sims of MW
15h50 – 17h00		Discussion on future direction of consortium
17h00 – 17h30		Workshop closing remarks