

Monday, 29 July

Time	Speaker	Title
8:30 - 8:45	Bus up every morning	
9:20 - 9:30	Groves & Sandstrom	Welcome
	Session 1	Observations of ISM phases & resulting constraints
9:30 - 10:10	Jenkins[[]]	The Development of Insights on ISM Phases
10:10 - 10:30	Lallement	Towards 3D maps of the nearby ISM in its various phases
10:30 - 10:50	Welsh	Hot white dwarf ionization of the local interstellar medium
10:50 - 11:20	Coffee Break	
11:20 - 12:00	Stanimirovic[[]]	ISM phases through HI absorption measurements
12:00 - 12:20	Roy	Temperature of the diffuse HI in the Milky Way
12:20 - 12:40	Kerp	The Effelsberg-Bonn HI Survey
13:00 - 14:00	Lunch Break	
14:00 - 14:20	Clark	HI Fibers and the Rolling Hough Transform
14:20 - 14:40	Dutta	Velocity Structures in the ISM
14:40 - 15:20	Vazquez-Semadeni[[]]	Interstellar turbulence: A melange of physical processes
15:20 - 15:50	Coffee Break	
	Session 2	Theory & Simulation of ISM phases
15:50 - 16:10	Ossenkopf	The role of triggering for star formation
16:10 - 16:30	Walch	Simulating the full Life-Cycle of molecular Clouds (SILCC)
16:30 - 16:50	Bisbas	Modelling photodissociation regions in turbulent clouds
17:00 - 18:00	Wine & Cheese & Poster Session	
18:10 - 18:25	Bus Down every evening	

Tuesday, 30 July

Session 2 continued

9:00 - 9:40	Wada[[]]	Dynamical Picture of the ISM associated with spiral arms
9:40 - 10:00	Gatto	Modeling the turbulence decay in the multi-phase ISM
10:00 - 10:20	Kainulainen	Mass distribution of the molecular phase of the ISM and its relation to star formation

10:20 - 10:50 **Coffee Break**

Session 3

Tracers of ISM phases and their use

10:50 - 11:30	Pineda[[]]	The distribution of the Milky Way ISM as revealed by the [CII] 158um Line
11:30 - 11:50	Beuther	Formation signatures and carbon budget of molecular clouds
11:50 - 12:10	Pety	Bright 12CO(1-0) emission also traces diffuse gas
12:10 - 12:30	Koda	Evolution of molecular gas in spiral galaxies
12:30 - 12:50	Schinnerer	The ISM Anatomy of A Spiral Arm

13:00 - 14:00 **Lunch Break**

14:00 - 14:40	Hill[[]]	Warm ionised gas in the Galaxy
14:40 - 15:00	Barnes	Photoionization of the Diffuse Ionised Gas in an MHD Supernova-driven Turbulent Interstellar Medium
15:00 - 15:20	Kreckel	Mapping dust through emission and absorption in nearby galaxies
15:20 - 15:40	Corrales	High energy studies of interstellar dust grains

15:40 - 16:10 **Coffee Break**

16:10 - 17:30	SOC Members	Discussion - ISM phases in the MW sim/theory vs observation?
---------------	-------------	--

17:30 - 18:00 **Poster Session**

Wednesday, 31 July

Time	Speaker	Title
	Session 4	Connection between ISM phases and star formation
09:00 - 09:40	Klessen[[]]	ISM Dynamics and Star Formation
09:40 - 10:00	Narayanan	The Lifecycles of Feedback-Regulated GMCs
10:00 - 10:20	Meidt	How dynamical environment and galactic-scale gas motions regulate the structure of molecular gas and star formation: lessons from M51
10:20 - 11:00	Leroy[[]]	The H ₂ /HI Balance in Nearby Galaxies
11:00 - 11:30	Coffee Break	
11:40 - 12:00	Shetty	The non-universal, sub-linear Kennicutt-Schmidt Relationship
12:00 - 12:20	Schruba	The Interstellar Medium and Star Formation Process in the Andromeda Galaxy
12:20 - 12:40	Hughes	Molecular Gas in M51: The PAWS View
13:00 - 14:00	Lunch Break	
14:00 - 14:20	Caldu Primo	A high-dispersion molecular gas component in nearby galaxies
	Session 5	ISM phases in nearby galaxies
14:20 - 15:00	Wolfire[[]]	Observational and Theoretical Review of the Multiphase ISM
15:00 - 15:20	Bolatto	[CII] as a Measure of Star Formation in Normal Galaxies on Kiloparsec Scales
15:20 - 15:40	Davis	Probing the cold phase ISM in early-type galaxies with Herschel, IRAM and CARMA
15:40 - 16:10	Coffee Break	
16:10 - 16:50	Smith[[]]	Resolving the Heating and Cooling of Gas in the Nearby Universe
16:50 - 17:10	Kapala	The Survey of Lines in M31 (SLIM): Investigating the Origins of [CII] Emission
17:30 - 18:00	Poster Session	
18:00 - 18:20	Buses down the hill	
19:00 - 21:00	Conference Dinner	

Thursday, 1 August

Time	Speaker	Title
09:40 - 10:00	Brinks	Phases of the ISM as seen by LITTLE THINGS
10:00 - 10:20	Cormier	The ISM structure of low-metallicity environments
10:20 - 10:40	Jameson	The Effect of Metallicity on Molecular Gas and Star Formation in the Magellanic Clouds
10:40 - 11:10	Coffee Break	
	Session 6	ISM in high-z galaxies
11:20 - 12:00	Riechers[[]]	The Interstellar Medium in High Redshift Galaxies
12:00 - 12:20	Decarli	The forbidden side of high-z universe
12:20 - 12:40	Weiner	Relating ISM properties in low and high redshift galaxies: clues from spectra and dust
13:00 - 14:00	Lunch Break	
14:00 - 14:20	Jorgensen	Molecular Hydrogen in High Redshift Damped Lyman alpha Systems (DLAs)
14:20 - 14:40	Kanekar	The temperature distribution of neutral gas in damped Lyman-alpha systems
14:40 - 15:00	Naab	Outflows and the structure of the ISM in high-redshift galaxies
15:00 - 15:30	Coffee Break	
15:30 - 16:00	SOC Members	Conference Summary and Discussion
16:30 - 17:00	Bus down the hill	
17:00 - whenever	Biergarten	