

Astrochemistry Young Researchers Meeting

15th October 2010

Nyholm Room, Department of Chemistry, University College London

10:00	Arrival and coffee	
11:00	<i>Welcome</i>	
11:10	Invited Talk: Jonathan Tennyson <i>University College London</i>	Calculated linelists for spectra of hot molecules
11:55	Ben Irving <i>The University of Sheffield</i>	Formation of H ₂ in the Interstellar Medium
12:10	John Thrower <i>Aarhus University</i>	Superhydrogenated PAHs : Catalytic formation of H ₂
12:25	Fedor Goumans <i>Leiden University</i>	Tunneling in Space
12:40	Bethmini Senevirathne <i>University of Gothenburg</i>	H atom diffusion through ice
12:55	Sohan Jheeta <i>The Open University</i>	The irradiation of pure CH ₃ OH and a 1:1 mixture of NH ₃ :CH ₃ OH ices at 30 K with low energy electrons
13:10	Lunch and posters	
14:15	Invited Talk: Martin McCoustra <i>Heriot-Watt University</i>	LASSIE – A European Approach to Surface and Solid State Astrochemistry
14:45	Guillem Aumatell Gomez <i>Duisburg-Essen University / Münster University</i>	Dust and ice aggregation in protoplanetary disks
15:00	Kerry Hebden <i>Jodrell Bank Centre for Astrophysics</i>	The Chemistry of NGC 6302 (the Butterfly Nebula)
15:15	Tea	
15:45	Andrew Cassidy <i>Aarhus University</i>	Observing Coronene Hydrogenation with Scanning Tunneling Microscopy
16:00	Paul Woods <i>Jodrell Bank Centre for Astrophysics</i>	The chemistry of extragalactic AGB stars
16:15	Keith Smith <i>University of Nottingham</i>	Diffuse Interstellar Bands in the Local Group
16:30	Mark Hammonds <i>University of Nottingham</i>	PAH anions in Dense and Diffuse Astrophysical Environments
16:45	Mike Ward <i>University College London</i>	Reactions of alkenes with oxygen atoms on interstellar dust grain surfaces

Posters

Sean Chapman <i>University of Manchester</i>	Investigating the Onset of Silicate Crystallization in the Early Stages of Star Formation
Sabri Tolou <i>Max Plank-Institut für Astronomie</i>	Gas-Phase condensation and characterization of Silicates