**Program:** Splinter on "The Physics of the Interstellar Medium"
25 September 2012, Tuesday

| Time (10+5min) | Speakers and Titles |
|---|---|
| | **Molecular Clouds and Star Formation** |
| 14:15-14:30 | Markus Nielbock<br>*B68 – The HERSCHEL view: dust temperatures and densities* |
| 14:30-14:45 | Kalevi Mattila<br>*Spectrophotometry of a high-latitude dust cloud: scattered light, ISRF and the Extragalactic Background Light* |
| 14:45-15:00 | Jouni Kainulainen<br>*Dependence of density variance with sonic Mach number in molecular clouds* |
| 15:00-15:15 | Hua-bai Li<br>*The Link between Magnetic Fields, Filamentary Clouds and Star Formation in the Gould Belt* |
| | **The Local ISM** |
| 15:15-15:30 | Roland Diehl<br>*ISM Measurements in the Galaxy through Radioactivity Gamma-Rays* |
| 15:30-15:45 | Benjamin Gaczkowski<br>*Deciphering the interstellar medium around the Scorpius-Centarus OB association* |
| 15:45-16:00 | Katharina Fierlinger<br>*Feedback efficiency in windblown bubbles* |
| 16:00-16:15 | Stefanie Walch<br>*The impact of feedback from massive stars on the interstellar medium* |
| 16:15-16:45 | **Coffee Break and Poster Viewing** |
| 16:45-17:00 | Jan Bolte<br>*Hydrodynamical Simulations of the Young Supernova Remnant CTB 109* |
| 17:00-17:15 | Michael Schulreich<br>*Investigating the link between an iron-60 anomaly in the deep ocean's crust and the origin of the Local Bubble* |
| 17:15-17:30 | Alessandro Ballone<br>*A numerical study of stellar winds in extremely different ambient media* |
| 17:30-17:45 | Marc Schartmann<br>*Simulations of the origin and fate of the Galactic Centre cloud G2* |

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| | **Gas and Dust Chemistry I** |
| 17:45-18:00 | A. Beate C. Patzer<br>*Small molecular titanium carbide clusters as dust precursors at low metallicity conditions* |

**Program:** Splinter on "The Physics of the Interstellar Medium"
26 September 2012, Wednesday

| **Time (10+5min)** | **Speakers and Titles** |
|---|---|
| | **Gas and Dust Chemistry II** |
| 14:15-14:30 | Florian Kirchschlager<br>*Blowout size of porous dust grains* |
| 14:30-14:45 | Stefano Bovino<br>*Complexity reduction of astrochemical network* |
| | **The Local ISM (addendum)** |
| 14:45-15:00 | Matthias Gritschneder<br>*Triggered Star Formation - From the Pipe Nebula to our own Solar System* |
| | **The Milky Way Halo** |
| 15:00-15:15 | Nadya Ben Bekhti<br>*The distribution of gas in the halo of the Milky Way* |
| 15:15-15:30 | Peter Herenz<br>*The Milky Way halo as QSO absorption-line system* |
| 15:30-15:45 | Verena Lüghausen<br>*Towards a revised picture of Compact High-Velocity Clouds: New Results from EBHIS and GASS* |
| | **The ISM beyond the Galaxy** |
| 15:45-16:00 | Tobias Röhser<br>*Far-infrared deficient and molecular intermediate velocity clouds* |
| 16:00-16:15 | Peter Kamphuis<br>*The ISM in the Halos of Spiral Galaxies* |
| 16:15-16:45 | **Coffee Break and Poster Viewing** |
| 16:45-17:00 | Pierre Voigtländer<br>*A kinematical study of the ionized gas in NGC 4666* |
| 17:00-17:15 | Martin Wendt<br>*Molecular Hydrogen at high redshifts - a rare tracer of physical conditions and constants* |

| | **Cosmic Rays and Magnetic Fields** |
|---|---|
| 17:15-17:30 | Muhammad Latif<br>*The implications of dust for high-redshift protogalaxies and the formation of binary disks* |
| 17:30-17:45 | Björn Adebahr<br>*M82 - Cosmic ray propagation and magnetic fields* |
| 17:45-18:00 | Jennifer Schober<br>*Magnetic Fields in the Primordial ISM* |
| 18:00-18:15 | Reinhard Schlickeiser<br>*Cosmic magnetization: from spontaneously emitted aperiodic turbulent to ordered equipartition fields* |