

WORKSHOP “Hot Topics in Astrophysics 2001/2002”

Wednesday 15 May and Thursday 16 May 2002

Room F6306 (at Chalmers, Physics, Forskarhuset, 6th floor)

ORGANIZER: Alessandro Romeo (romeo@fy.chalmers.se)

PROGRAMME

Wednesday 15 May

- **13:15–13:20**

Welcome to the audience
— Alessandro Romeo

Session 1 (Chairperson: Theresa Wiegert)

- **13:20–14:05**

Organic Molecules in the Interstellar Medium
— Jakob Held

- **14:05–14:50**

Frozen Cosmic Preserves: What Do Comets Tell Us about the Young Solar System?
— Gunnar Sporrang

- **14:50–15:35**

The Search for Extra-Solar Planets
— Eva Karlsson

COFFEE BREAK

Session 2 (Chairperson: Fredrik Janson)

- **15:45–16:30**

Supernova Explosions
— Jan Lindahl

- **16:30–17:15**

Gravastars: Can Anything Be Stranger than a Black Hole?
— Bengt Tegner

Thursday 16 May

Session 1 (Chairperson: Eva Karlsson)

- **08:45–09:30**
Formation of Large-Scale Structure in the Universe
— Jens Andersson
- **09:30–10:15**
Firestorm of Starbirth in the Early Universe
— Theresa Wiegert

COFFEE BREAK

Session 2 (Chairperson: Jan Lindahl)

- **10:20–11:05**
Cosmological and Astrophysical N -Body Simulations
— Anders Hedenrud
- **11:05–11:50**
Instabilities and Dynamical Evolution of Disc Galaxies
— Fredrik Janson
- **11:50–11:55**
Thanks to the audience
— Alessandro Romeo