

STUDENTS' WORKSHOP

“Hot Topics in Astrophysics 2002/2003”

Wednesday 14 May and Thursday 15 May 2003

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

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

PROGRAMME

Wednesday 14 May

- **13:15–13:20**

Welcome to the audience
— Alessandro Romeo

Session 1 (Chairperson: Katarina Karlsson)

- **13:20–14:05**

Solar Activity and Terrestrial Climate
— Tommy Lindfors

- **14:05–14:50**

Dynamics of the Crab Nebula
— Oscar Agertz

- **14:50–15:35**

Binary Pulsars
— Gautam Narayan

COFFEE BREAK

Session 2 (Chairperson: Eddie Berntsson)

- **15:45–16:30**

Gravitational-Wave Astronomy
— Daniel Persson

- **16:30–17:15**

Is the Fine-Structure Constant Really Constant?
— Christoffer Petersson

Thursday 15 May

Session 1 (Chairperson: Gautam Narayan)

- **09:30–10:15**
Planet Formation
— Katarina Karlsson
- **10:15–11:00**
Life on Other Planets?
— Eddie Berntsson
- **11:00–11:45**
The Physics of SETI
— Adam Thorp
- **11:45–11:50**
Thanks to the audience
— Alessandro Romeo