The Department of Astrophysics within the new Centre for Astrophysics and Space Science at Chalmers welcomes you to our

SEMINAR SERIES "Hot Topics in Astrophysics"

Tuesdays 5 September – 5 December 2000, at 11.00

Room F6306 (Physics, Forskarhuset)

COORDINATOR: Alessandro Romeo (romeo@oso.chalmers.se)

PROGRAMME

- **5 September**
  The New "Centre for Astrophysics and Space Science"
  — Gustaf Rydbeck & Roy Booth
- **12 September**
  Extra-Solar Planets and Their Atmospheres
  — John Black
- **19 September**
  Structure and Dynamics of Turbulence in Accretion Discs
  — Ulf Torkelsson
- **26 September**
  Star-Forming Galaxies in the Distant Universe
  — Duília de Mello
- **3 October**
  Red Giants
  — Michael Lindqvist
- **10 October**
  Interactions between Galaxies:
  Making Stars, Spirals and New Galaxies
  — Magnus Thomasson
- **17 October**
  Astronomy with the ODIN Satellite
  — Åke Hjalmarson
- **24 October**
  Statistical Image Analysis and Applications
  — Gustaf Rydbeck

- **31 October**
  Colliding Galaxies:
  Observations and Models
  — Cathy Horellou

- **7 November**
  Multi-Scale Relations in Disc Galaxies:
  Spirals, Bars and Central Super-Massive Black Holes
  — Alessandro Romeo

- **14 November**
  Looking at the Universe through Frosted Glass:
  Gravitational Lensing
  — Tommy Wiklind

- **21 November**
  Convection in Black-Hole Accretion Disks
  — Marek Abramowicz

- **28 November**
  Cosmic Masers:
  From Black Clouds to Black Holes
  — Roy Booth

- **5 December**
  The Birth, Growth and Death of Radio Galaxies and Quasars
  — John Conway

- **5 December, 11.50** *Unusual Time!*
  The Interstellar Medium in Centres of Starburst Galaxies
  — Susanne Aalto