

### Lectures

- Radio session:
  - Fundamentals of Radio Astronomy  
(USA) Cornelia Lang
  - Imaging, deconvolution, calibration and editing  
Blundell (GB) Katherine
  
- Data Archives and Surveys Eduardo Ros  
(D)
- Very Long Baseline Interferometry and Low frequency interferometry Zsolt Paragi (NI)
  
- X-ray session:
  - Detection techniques in X-ray and gamma-ray astronomy:  
(F) François Lebrun
  - X-ray spectral analysis Mike Nowak  
(USA)
  - High resolution X-ray spectroscopy Julia Lee (USA)
  - X-ray timing Michiel van der
- Klis (NI) Christian Motch  
(F)
  
- Gamma-ray session:
  - Overview of ground based gamma-ray astronomy German  
Hermann (D)
  - Fermi data analysis ( theoretical fundamentals) Francesco Longo  
(I)
  
- Complementary skills
- Statistics: general issues Aneta  
Siemiginowska (USA)
- Virtual Astronomy Mark Allen (F)
- Proposal writing for X-ray and radio astronomy

**Hands-on sessions** : full programm will be announced later. Contributors include:

- 1st week (Radio): K. Blundell, C. Brocksopp, S. Corbel, M. Kadler, E. Koerding, C. Lang, J. Miller-Jones, Z. Paragi, A. Richards, E. Ros

- 2nd week (X-Rays/Gamma-rays): T. Belloni, S. Corbel, J.C. Lee, M. Linares, F. Longo, S. Markoff, C. Motch, M.A. Nowak, J. Rodriguez, A. Siemiginowska, P. Uttley, M. van der Klis, R. Wijnands, J. Wilms, M. Wise