

# ANNOUNCEMENTS

## 1st ANNOUNCEMENT

ESO Workshop on

### “THE EARLY UNIVERSE WITH THE VLT”

European Southern Observatory,  
Garching b. München, Germany  
1–4 April, 1996

#### TOPICS

- The VLT first generation instrument capabilities as cosmological tools.
- Galaxy evolution at redshift  $z < 1$  - redshift surveys, imaging with the HST, two-dimension spectroscopy.
- Evolution of large-scale structures - redshift surveys, gravitational lensing and shear, large-scale structures at high redshift.
- Search for high redshift faint galaxies - redshift surveys, identification of quasar absorbers, search for primeval galaxies, simulations of galaxy formation.
- Evolution of active objects - high redshift radio and starburst galaxies, prospects for ISO deep surveys, search for very high redshift quasars.
- Which second generation VLT instrumentation?

Many of these topics are being covered by invited talks, but a limited number of contributed talks will be accepted, as well as poster papers.

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ESO Workshop on

### SCIENCE WITH THE VLT INTERFEROMETER

Garching bei München, Germany  
June 18 – June 21, 1996

Each session will consist of reviews by invited speakers followed by contributed talks. Poster contributions are encouraged. Technical contributions will be limited to posters.

There will be tutorials on interferometric techniques during the meeting.

Scientific sessions will include:

- Solar system
- Extra-solar planets and planet formation
- Low mass stars and Brown Dwarfs
- Star formation and early stellar evolution
- Binary stars and multiple systems
- Stellar surface structure
- Circumstellar environments and mass loss
- Galactic nuclei and AGN

#### CONTACT

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CNRS – Observatoire de Haute-Provence  
and  
European Southern Observatory

### 5th ESO/OHP Summer School in Astrophysical Observations

Observatoire de Haute-Provence, France,  
15-26 July 1996

The ESO/OHP Summer School offers young astronomers the opportunity to gain practical observing experience under realistic conditions. Participants will work in groups of three and will be guided by an experienced observer in the use of the instrumentation of the OHP. Each group will carry out a small observing programme on the telescopes of 1.2–1.9m aperture (direct imaging and spectroscopy, both of which are equipped with a CCD detector), and reduce the data with a modern image processing system (MIDAS and IHAP). The results will be related to relevant additional information from the astronomical literature, and presented in a brief summary to the other participants at the end of the school.

The preparation of the practical work will be supplemented by a series of 90-minute lectures which will be given by invited specialists. Foreseen subjects include: (a) Modern Telescope Layout, (b) Detectors, (c) Optical instrument design, (d) Principles of Photometry, (e) Spectrographs and spectroscopy, (f) Optical Instrumentation Fundamentals and (g) Data reduction techniques. A scientific talk on a frontier astronomical subject is also foreseen.

The working language at the summer school will be English. Applications are invited from graduate students working on a Ph.D. thesis in astronomy at an institute in one of the ESO member countries. Application forms are available from the organizers and are to be returned by March 31st, 1996. Additionally, a letter of recommendation by a senior scientist familiar with the applicant's work is required. Up to eighteen participants will be selected and will have their travel and living expenses fully covered by the school.

#### THE ORGANIZERS:

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### Proposed Timetable of Council Sessions and Committee Meetings 1996

(subject to Council approval)

February 6	Finance Committee (extraord.)
April 29–30	Users Committee
May 2–3	Scientific Technical Committee
May 6–7	Finance Committee
May 29–31	Observing Programmes Committee
June 4–5	Council
October 30–31	Scientific Technical Committee
November 5–6	Finance Committee
November 27–29	Observing Programmes Committee
December 3–4	Council