RADIO IMAGING

A Spring School on processing radio astronomy data
25 - 28 April 2000
Jodrell Bank Observatory, University of Manchester, England

Topics to be covered include:

- **Introduction to synthesis imaging.** Applications involving new instruments eg ALMA will be included, as well as exisiting interferometers like MERLIN and VLBI networks - all present and potential users welcome!
- **The capabilities of radio telescopes.**
- **Basic data reduction techniques.**
- **Interpreting results and error analysis.**
- **Radio astronomy in the 2000's.** Deep fields, the future of the EVN and MERLIN, radio and the rest of the spectrum.
- **The nature of radio sources and how to observe them.** Choosing an instrument, writing the proposal, what to expect.

These sessions will cover the use of data reduction packages such as AIPS, AIPS++, DIFMAP. There will be a mixture of lectures, small group tutorials and hands-on experience and we will provide data and work-sheets for you to tackle at your own pace, and a 'surgery'.

There is no fee; accomodation and meals will be provided during the School. Attendance at the School will be limited to about 30 people, so please complete these details as soon as possible:

NAME

EMAIL

FAX & TELEPHONE

ADDRESS

STUDENT?

Please indicate as appropriate:

I WOULD LIKE TO REGISTER FOR THE SPRING SCHOOL ....
(you will be sent more details in the next few weeks)
Please state, in one or two sentences, your level of experience of radio data processing. This is so that we can make sure the program caters to all requirements, whether you have never reduced radio data yourself or if you are an experienced user.

I WOULD LIKE MORE INFORMATION ABOUT

Thank-you. You can return this form or contact us as below.

Spring School, JBO, University of Manchester Macclesfield, Cheshire SK11 9DL, U.K.
Anita Richards, Tom Muxlow amsr@jb.man.ac.uk twbm@jb.man.ac.uk
tel 01477 571321 fax 01477 571618
More copies of this form and an A4 poster advertising the School are at
http://www.jb.man.ac.uk/merlin/school.html