



7th ATNF Synthesis Imaging School

18-22 September 2006

at the Compact Array in Narrabri, Australia

Key Topics:

- Fundamentals of a radio interferometer
- Synthesis imaging
- The Australia Telescope Compact Array
- Specialized observing modes
- Atmospheric effects and data calibration
- Millimetre wavelength observations
- Practical sessions: observing and data reduction
- Future ATCA developments
- The next generation of interferometers: SKA and ALMA

The intended audience is postgraduate students and other interested researchers. No prior experience with radio astronomy is required.

www.atnf.csiro.au/synthesis