



# 7<sup>th</sup> ATNF Synthesis Imaging School

10-14 October 2005

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
- Outlook for 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](http://www.atnf.csiro.au/synthesis)

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Tony Wong, Ilana Klammer