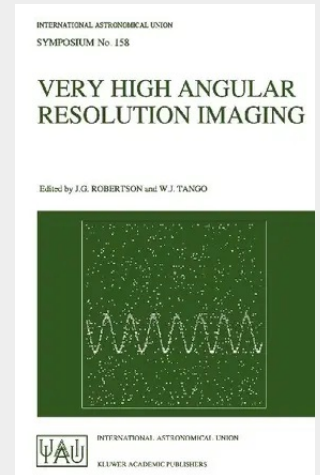


Very High Angular Resolution Imaging

Proceedings of the 158th Symposium of the International Astronomical Union, held at the Women's College, University of Sydney, Australia, 11-15 January 1993

The 1990s are proving to be a very exciting period for high angular resolution astronomy. At radio wavelengths a combination of new array instruments and powerful imaging algorithms have generated images of unprecedented resolution and quality. In the optical and infrared, the great technical difficulties associated with constructing separated-aperture interferometers have been largely overcome, and many new instruments are now operating or are being developed. As these programs start to produce observational results they will be able to draw extensively on the experience gained by the radio-interferometry community. Thus it seemed that the time was ripe for a meeting which would bring together workers from all wavelength ranges to discuss the details of the science and art of "Very High Angular Resolution Imaging". While the main emphasis of Symposium No. 158 was on high resolution techniques from the radio, mm-wave, infrared and optical bands, it also provided an opportunity for presentation of astronomical results from these techniques. As well as giving our colleagues from the Northern Hemisphere a break from midwinter, the location of the Symposium in Australia recognised the continuing development of astronomical interferometry in this country, especially the recent completion of the Australia Telescope radio array, and the progress toward commissioning of the Sydney University Stellar Interferometer. A number of the participants visited these instruments during the post-symposium tour.

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