

## **ATNF ASTRONOMICAL SYNTHESIS IMAGING WORKSHOP PROGRAM**

VENUE: Radiophysics Laboratory  
Cnr. Pembroke St. & Vimiera Rd, Marsfield.

### **Monday 8th July 1991**

Foyer 08.00-11.00	Registration in Foyer	
09.00-09.45	Introduction	Ron Ekers
09.45-10.30	Building the Australia Telescope	John Brooks
Foyer 10.30-11.00	Coffee	
11.00-12.00	Fourier Transforms and Coherence Functions	Don McLean
12.00-12.30	Tutorial	Ralph Marson
Canteen 12.30-13.30	Lunch	
13.30-14.30	Radio Interferometry	Ray Norris
14.30-15.00	MOST Earth Rotation Synthesis	Michael Large
Foyer 15.00-15.30	Coffee	
15.30-16.30	Correlators	Warwick Wilson
16.30-17.00	Tutorial	
Canteen 17.00-18.30	Reception	

### **Tuesday 9th July 1991**

09.00-10.00	Imaging	Neil Killeen
10.00-10.30	Tutorial	
Foyer 10.30-11.00	Coffee	
11.00-12.00	Spectral Line Imaging (1)	John Whiteoak
12.00-12.30	Tutorial	
Canteen 12.30-13.30	Lunch	
13.30-14.30	Deconvolution	Bob Sault
14.30-15.00	Tutorial	
Foyer 15.00-15.30	Coffee	
15.30-16.30	Calibration/Sensitivity/Polarization	Mike Kesteven
16.30-17.00	Tutorial	

### **Wednesday 10 July 1991**

09.00-10.00	Visualisation	Ray Norris
10.00-10.30	Demonstration - TAAC Display	Eric Greisen
Foyer 10.30-11.00	Coffee	
11.00-12.30	AIPS Demonstration	Eric Greisen/Mark Calabretta
Canteen 12.30-13.30	Lunch	
13.30-17.00	"Hands On AIPS"	Computing Staff
13.30-17.00	AT Receiver/LO Displays	Mal Sinclair/Alan Young
13.30-17.00	General Discussion Topics	Dick Manchester/Others
Canteen 18.00-20.00	BBQ	
20.00-21.00	"Analogue Image Processing in Astronomy."	David Malin

## Thursday 11 July 1991

09.00-10.00	Self Calibration	Bob Sault
10.00-10.30	Tutorial	
Foyer 10.30-11.00	Coffee	
11.00-12.00	Wide Field Imaging	John Reynolds
12.00-12.30	"Practical Implementation for the AT"	Jim Caswell/Ron Stewart
Canteen 12.30-13.30	Lunch	
13.30-14.30	Optical Aperture Synthesis	Gordon Robertson
14.30-15.00	Update on SUSI	John Davis
Foyer 15.00-15.30	Coffee	
15.30-16.30	Spectral Line Imaging (2)	Jacqueline van Gorkom
16.30-17.00	Tutorial	

## Friday 12 July 1991

09.00-10.00	VLBI	Tasso Tzioumis
10.00-10.30	Tutorial	
Foyer 10.30-11.00	Coffee	
11.00-12.00	Image Analysis	Jacqueline van Gorkom
12.00-12.30	Tutorial Polarisation	Neil Killeen
Canteen 12.30-13.00	Lunch	
13.30-14.30	Error Recognition	Ron Ekers
14.30-15.00	Tutorial	
Foyer 15.00-15.30	Coffee	
15.30-16.30	AT Observing Strategies	Lister Staveley-Smith
16.30-17.30	A Case Study	Ravi Subrahmanyam