

## FINAL ANNOUNCEMENT AND PROGRAM

In honour of Emeritus Professor John Davis's 75th year we are pleased to welcome you to our workshop

### **SUSI: Past, Present and Future**

which celebrates the work that has been done by the Sydney University Stellar Interferometer and looks forward to the new and exciting research programs currently being implemented.

Date and time:

Thursday 29 MAY 2008, 9 AM to 4:30 PM.

Coffee and muffins will be available from 8:30 AM

Venue:

The Darlington Centre

University of Sydney, NSW 2006

Australia

General Information:

The Darlington Centre is located on the south side of City Road (see map). Paid parking (\$24/day) is available in the Western Avenue and Shepherd Street car parks (marked by P on the map). The underground Western Avenue is closest to the Darlington Centre but has very limited parking. The Pay and Display ticketing machines only accept one and two dollar coins, so make sure you have enough change! The gardens and grounds of the Darlington Centre are part of the conference venue but the Forum Restaurant (including the terrace area) is not. There is no wireless in the conference centre but there are internet ports available for email junkies.

Speakers:

If possible please put your talk on a USB memory stick and load the presentation into the lectern computer in the break before your scheduled talk. Speakers in the first session should do this during the 8:30-9:00 coffee period. If you wish to make your slides available on the Institute of Astronomy web site please see Bill Tango. Speakers are requested to keep to their allotted time, including allowance for discussion.

## SUSI: Past, Present and Future

<b>Start time</b>	<b>Speaker</b>	<b>Topic</b>
Session 1	Chair: G. Robertson	
9:00 am	Prof. Merlin Crossley	Welcome (introduced by Acting Head of the School of Physics, Prof. Martijn de Sterke)
9:10	John Davis	From prototype to SUSI
9:30	Bill Tango	Surfing the wave – technology changes over 30 years
9:50	Andrew Jacob	Observations of Cepheids with SUSI
10:10	Julian North	Observations of binaries with SUSI
10:30		Coffee break
Session 2	Chair: Mike Ireland	
11:00	John Davis	Science with SUSI
11:20	Regner Trampedach	Can we take the temperature of a star? - and why we would like to
11:40	Hal McAlister	Binary star astrophysics
12:00	Tim Bedding	Asteroseismology and interferometry
12:20		Lunch
Session 3	Chair: Peter Tuthill	
1:30 pm	Peter Wood	Miras and interferometry
1:50	Joss Bland-Hawthorn	Astrophotonics
2:10	John Storey	Antarctic interferometry
2:30	Mike Ireland	The PAVO concept and science drivers
2:50	Theo ten Brummelaar	Remote operations and the SUSI legacy at the CHARA Array
3:10		Afternoon tea
Session 4	Chair: Bill Tango	
3:40	Gordon Robertson	PAVO at SUSI: implementation and context
4:00	Peter Tuthill	Masked aperture interferometry & related techniques
4:20	Hal McAlister	Summary
4:30		Close of Workshop