



## SKADS Workshop – Perth

Date: 10 April 2008

Venue: BankWest lecture theatre (Building 200), Curtin University

### **Purpose**

The aim is to exchange design, cost and industrial information within the SKADS, ASKAP and other international programmes. Active discussion is encouraged.

### **Speakers**

The speakers will be taken from the substantial SKADS and international expertise available in Perth. The suggested speakers are shown, and the list will be updated when final confirmed arrivals in Perth are known.

### **Draft Agenda**

8.15	Coffee and Registration	
9.00	Welcome by Curtin PVC research	Linda Kristjanson
	Meeting Objectives	Arnold van Ardenne
9.15	SKADS Aperture Array design considerations	Andrew Faulkner
9.35	EMBRACE progress	Dion Kant
9.50	SKADS technical developments, including:	Mike Jones/ Andrew Faulkner/ Sascha Schediwy
	• Beamformer design	
	• Data and Phase transfer	
	• Array and element concepts	
	• LNA progress	
10.20	ASKAP industry links overview	Carole Jackson
10.30	Coffee Break	
11.00	Science and configuration work	Steve Rawlings
	• Science simulations and findings	
	• Configuration and cost implications	
11.30	Progress and directions in SKA costing	Peter Hall
11.45	SKADS cost Modelling	Rosie Bolton
	• Scaleable Aperture Array model	
	• Integration with CDIT	
12.20	Wrap up and closing comments	Peter Wilkinson
12.30	Lunch	