

PRELIMINARY PROGRAM VERSION 3: 16 APRIL 2009

Monday June 29	SETTING THE SCENE	Speaker
8:00-9:00	Registration	
9:00 - 9:15	Welcome	
9:15 - 10:00	Early Australian optical and radio observations of Centaurus A / NGC 5128	P. Robertson
10:00 - 10:45	The physics of active galaxies as revealed by Centaurus A	M. Birkinshaw
10:45 - 11:15	MORNING TEA	
11:15 - 12:00	The radio continuum view of Centaurus A	R. Ekers
12:00 - 12:45	The X-Ray view of Centaurus A	R. Kraft
12:45 - 2:00	LUNCH	
2:00 - 2:45	NGC 5128 - the giant beneath	G. Harris
2:45 - 3:15	The many faces of the gas of Centaurus A	R. Morganti
3:15 - 3:45	AFTERNOON TEA	
3:45 - 4:15	Centaurus A at hard X-Rays and Gamma-Rays	H. Steinle
4:15- 4:45	Centaurus A at ultra-high energies	P. Edwards

Tuesday June 30	Nuclear Region - Dust Lane	
8:00-9:00	Registration	
9:00 - 9:45	Centaurus A's black hole mass - from gas and stars	N. Neumayer
9:45- 10:30	The sub-parsec-scale structure and evolution of Centaurus A	S. Tingay
10:30 - 11:00	43 GHz light curve of the nucleus of Centaurus A	Z. Abraham
11:00 - 11:30	MORNING TEA	
11:30 - 12:15	First year Fermi Gamma-ray Space Telescope observations of Centaurus A	T. Cheung
12:15 - 12:45	Gamma-Ray emission from Centaurus A	S. Wagner
12:45 - 1:00	Poster Sparkler Session	
1:00 - 2:15	LUNCH	
2:15 - 2:45	Discovery of very high energy Gamma-Rays from Centaurus A	F. Aharonian
2:45 - 3:30	Centuarus A and the Pierre Auger Observatory	R. Clay
3:30- 4:00	AFTERNOON TEA	
4:00 - 4:30	Multi-Messenger studies of Centaurus A with PAO, HESS and FERMI: does everything fit together?	S. Ostapchenko
4:30 - 4:50	Limit on the UHE neutrino flux from Centaurus A with the Parkes radio telescope	J. Bray
4:50 - 5:10	Latest results from CABB	B. Koribalski

Wednesday July 1	Dust lane -> inner jets	
9:00 - 9:45	Infrared views of Centaurus A	A. Quillen
9:45 - 10:15	Ionisation cone in Centaurus A	J. Bland-Hawthorn
10:15 - 10:45	Resolving the nuclear dust structure in Centaurus A	L. Burtscher
10:45 - 11:15	MORNING TEA	
11:15 - 11:45	Uncovering the kpc-scale stellar ring of the Centaurus A galaxy	J. Kainulainen
11:45 - 12:15	Integral field spectroscopy of the central arcminute of Centaurus A	R. Sharp
12:15 - 1:00	The latest on the HI in Centaurus A	Tom Oosterloo
1:00 - 2:00	LUNCH	
2:00 - 2:25	From the kinematics of the large-scale HI disk to the nuclear absorption	C. Struve
2:25 - 2:50	Molecular line absorption against the Centaurus A nucleus	F. Israel
2:50 - 3:15	Molecular gas imaging of the circumnuclear environs of Centaurus A	D. Espada
3:15 - 3:35	CO(3-2) observations toward the dust lane in Centaurus A	T. Okuda
Afternoon Free		

Thursday July 2	Inner Jets -> stellar halo	
9:00 – 9:45	The radio-lobe shock of Centaurus A: particle acceleration and environmental impact	J. Croston
9:45 – 10:15	X-Ray spectral structure	D. Worrall
10:15– 10:45	Dissipation in the jet of Centaurus A	P. Nulsen
10:45 - 11:15	MORNING TEA	
11:15 – 11:45	Radio & Ultraviolet emission from the northern middle lobe of Centaurus A	S. Neff
11:45 – 12:15	Shock induced star-formation in the outer filament of Centaurus A	S. Ellis
12:15 – 12:35	tbd	G. Bicknell
12:35 – 12:55	3D simulations of a supersonic jet interacting with an inhomogeneous medium	A. Wagner
12:55 – 2:00	LUNCH	
2:00 – 2:30	The stellar halo of NGC 5128	M. Rejkuba
2:30 – 3:15	The globular cluster system of NGC 5128: Ages, Metallicities, Kinematics and Structural Properties	K. Woodley
3:15 – 3:40	Light element abundances in NGC 5128 from planetary nebulae	J. Walsh
3:40 – 4:05	A deep study of X-Ray binaries in Centaurus A	G. Sivakoff
Conference dinner		

THE CONFERENCE DINNER WILL BE A 3.5HR CRUISE ON SYDNEY HARBOUR FROM DUSK (17:00) DEPARTING FROM THE OPERA HOUSE STEPS

Friday July 3	Outer lobes	
10:00 - 10:45	The radio continuum properties of Centaurus A	M. Hardcastle
10:45 - 11:15	The first aperture synthesis radio continuum image of the outer lobes of Centaurus A	I. Feain
11:15 - 12:00	Polarimetry and Faraday Rotation of Radio Galaxies behind the lobes of Centaurus A	B. Gaensler
12:00 - 12:20	Conference summary	J. Bland-Hawthorn
12:20 - 2:00	LUNCH	