



PROGRAM

ACAMAR 4: Australia-China Workshop on Astrophysics

6th – 8th June 2018

Wangjiang Hotel, Chengdu, Sichuan, China

TUESDAY 5 JUNE 2018

TIME	Item
3:00pm – 8:00pm	Registration Desk Opens Wangjiang Hotel

WENESDAY 6 JUNE 2018

TIME	Item
8:30am – 9:00am	Registration Desk Opens Wangjiang Hotel
9:00am – 9:10am	WELCOME Mr Christopher Lim and Mr Hui Sun LOC Announcements
Session1: Overview Talks Session Chair: Location:	
9:10am – 9:40am	Suijian Xue (invited overview) <i>Updates on major activities of Chinese Astronomy</i> (25 min presentation + 5 min Q&A)
9:40am – 10:10am	Elaine Sadler (invited overview) <i>Astronomy in Australia - country overview</i> (25 min presentation + 5 min Q&A)

10:10am – 10:20am	Group Photo
10:20am – 10:40am	Morning Tea
Session2: Antarctic Astronomy Session Chair: Location:	
10:40am – 11:00am	Hui Zhang (invited talk) <i>Results from AST3 exoplanet survey</i> (15 min presentation + 5 min Q&A)
11:00am – 11:15am	Hu Yi <i>Meteorological data from KLAWS-2G for astronomical site survey at dome A, Antarctica</i> (12 min presentation + 3 min Q&A)
11:15am – 11:35am	Jeremy Mould (invited talk) <i>Updates on KISS status</i> (15 min presentation + 5 min Q&A)
11:35am – 11:55am	Xiaofeng Wang (invited talk) <i>Rapid response time domain astronomy</i> (15 min presentation + 5 min Q&A)
11:55am – 12:10pm	Bin Ma <i>Measuring atmospheric turbulence at Dome A, Antarctica with AST3</i> (12 min presentation + 3 min Q&A)
12:10am – 12:30pm	Peng Jiang (invited talk) <i>PRIC related activities</i> (15 min presentation + 5 min Q&A)
12:30pm – 1:30pm	Lunch
Session3: Antarctic Astronomy Session Chair: Location:	
1:30pm – 1:50pm	Michael Ashley (invited talk) <i>AST3 power and communication upgrade</i> (15 min presentation + 5 min Q&A)

1:50pm – 2:10pm	Lifan Wang (invited talk) <i>KDUST science plan</i> (15 min presentation + 5 min Q&A)
2:10pm – 2:30pm	Anna Moore (invited talk) <i>An update on the SCAR ASTRO Sciences proposal</i> (15 min presentation + 5 min Q&A)
2:30pm – 2:45pm	Jian Wang <i>Infrared Sky Brightness Monitor</i> (12 min presentation + 3 min Q&A)
2:45pm – 3:05pm	Haiping Lu (invited talk) <i>AST3-2 status report</i> (15 min presentation + 5 min Q&A)
3:05pm – 3:25pm	Afternoon Tea
Session4: Antarctic Astronomy Session Chair: Location:	
3:25pm – 3:45pm	Xuefei Gong (invited talk) <i>KDUST status report</i> (15 min presentation + 5 min Q&A)
3:45pm – 4:05pm	Michael Ashley (invited talk) <i>Site testing</i> (15 min presentation + 5 min Q&A)
4:05pm – 4:25pm	Lei Hu (invited talk) <i>AST3 observations of GW 170817</i> (15 min presentation + 5 min Q&A)
4:25pm – 4:45pm	
4:50pm – 5:50pm	Closed breakout: ACAMAR
6:20pm – 8:30pm	DINNER

THURSDAY 7 JUNE 2018

TIME	Item
6:30am	Optional Activity Morning walk
8:00am – 8:50am	Registration Desk Opens Wangjiang Hotel
Session5: Radio Astronomy and SKA Session Chair: Location:	
9:00am – 9:20am	Di LI (invited talk) <i>Early Testing and Science Results from the Commensal Radio Astronomy FAST Survey (CRAFTS)</i> (15 min presentation + 5 min Q&A)
9:20am – 9:40am	Randall Wayth (invited talk) <i>MWA facility update</i> (15 min presentation + 5 min Q&A)
9:40am – 10:00am	Tao AN (invited talk) <i>China SKA Region Center Prototyping and Preparations</i> (15 min presentation + 5 min Q&A)
10:00am – 10:20am	Tasso Tzioumis <i>ASKAP and ATNF technology</i> (15 min presentation + 5 min Q&A)
10:20am – 10:35am	Songbo Zhang <i>Search for the Pulsar in the Remnant of Supernova 1987A</i> (12 min presentation + 3 min Q&A)
10:35am – 10:50am	Morning Tea
Session6: Radio Astronomy and SKA Session Chair: Location:	
10:50am – 11:10am	Cath Trott (invited talk) <i>EOR science</i> (15 min presentation + 5 min Q&A)

11:10am – 11:25am	Yinzhe Ma <i>Foreground removal and systematics test for 21-cm intensity mapping</i> (12 min presentation + 3 min Q&A)
11:25am – 11:40am	Clancy James <i>Fast Radio Bursts and Ultra-High-Energy Cosmic Rays</i> (12 min presentation + 3 min Q&A)
11:40am – 11:55am	Qingbo Ma <i>Measuring patchy reionization with kSZ2-21 cm correlations</i> (12 min presentation + 3 min Q&A)
11:55am – 12:15pm	Jing WANG (invited talk) <i>Gas and star formation in galaxies</i> (15 min presentation + 5 min Q&A)
12:15pm – 12:30pm	Shi Dai <i>The Ultra-wideband Low receiver on the Parkes Telescope</i> (12 min presentation + 3 min Q&A)
12:30pm – 1:30pm	Lunch
Session7: Radio Astronomy and SKA Session Chair: Location:	
1:30pm – 1:50pm	Na WANG (invited talk) <i>QTT status</i> (15 min presentation + 5 min Q&A)
1:50pm – 2:10pm	George Heald (invited talk) <i>Polarisation science and ASKAP science</i> (15 min presentation + 5 min Q&A)
2:10pm – 2:30pm	Ben McKinley (invited talk) <i>Measuring the global redshifted 21-cm signal with the MWA and the Moon</i> (15 min presentation + 5 min Q&A)
2:30pm – 2:50pm	Ivy Wong (invited talk) <i>Understanding galaxy evolution with HI surveys and ASKAP</i> (15 min presentation + 5 min Q&A)
2:50pm – 3:10pm	Yidong Xu (invited talk) <i>The Neutral Islands during the Late Epoch of Reionization</i> (15 min presentation + 5 min Q&A)

3:10pm – 3:25pm	Afternoon Tea		
Session8: Optical instrumentation Session Chair: Location:			
3:25pm – 3:45pm	Anna Moore (invited talk) <i>OIR instruments on large telescopes</i> (15 min presentation + 5 min Q&A)		
3:45pm – 4:05pm	Bingqiu Chen (invited talk) <i>Multi-channel Photometric Survey Telescope – Mephisto</i> (15 min presentation + 5 min Q&A)		
4:05pm – 4:20pm	Zheng Jessica <i>The development of the AST3-NIR camera</i> (12 min presentation + 3 min Q&A)		
4:20pm – 4:40pm	Yang Huang (invited talk) <i>Galactic kinematics and dynamics from the LAMOST Galactic Spectroscopic Surveys</i> (15 min presentation + 5 min Q&A)		
4:40pm – 5:00pm	Maosheng Xiang (invited talk) <i>Galactic archaeology with large scale spectroscopic surveys</i> (15 min presentation + 5 min Q&A)		
5:00pm – 6:00pm	Breakout: Antarctic astronomy	Breakout: Radio astronomy	Breakout: Optical instrumentation
6:30pm – 8:30pm	WELCOME DINNER		

FRIDAY 8 JUNE 2018

TIME	Item
6:30am	Optional Activity Morning walk
8:00am – 9:20am	Registration Desk Opens Wangjiang Hotel
Session9: Astrophysics and Instrumentation Session Chair: Location:	
9:30am – 9:45am	Xue-Bing Wu <i>Multiwavelength observations on high redshift quasars</i> (12 min presentation + 3 min Q&A)
9:45am – 10:05am	Jon Lawrence (invited talk) <i>AAO instrumentation</i> (15 min presentation + 5 min Q&A)
10:05am – 10:25am	Chenzhou CUI (invited talk) <i>China VO</i> (15 min presentation + 5 min Q&A)
10:25am – 10:50am	Morning Tea
Session10: Panel Discussion and Closing Remarks Session Chair: Location:	
10:50am – 11:10am	Reports from formal and informal Break-Out Sessions
11:10am – 12:00pm	PANEL DISCUSSION
12:00pm – 12:15pm	CLOSING REMARKS
12:15pm – 1:30pm	Lunch
2:00pm – 4:00pm	Optional Activity