

IAU General Assembly XXVII

Rio de Janeiro

Program for Special Session 3, Astronomy in Antarctica

Including Business Meeting of the IAU Working Group for the Development of Antarctic Astronomy

August 6-7, 2009

Day 1, August 6 Room 2.6

Session	Time	Theme	Speaker	Country	Status	Title
I	10	Overview	SOC		-	Introduction and Announcements
<i>9am</i>	25		Michael Burton	Australia	I	Astronomy in Antarctica: an overview
	25		John Storey	Australia	I	The SCAR "Astronomy and Astrophysics from Antarctica" Scientific Research Program
	15	South Pole	Yuki Takahashi	USA	O	BICEP: a Cosmic Microwave Background Telescope at the South Pole
II	25		John Carlstrom	USA	I	The 10m South Pole Telescope
<i>11am</i>	25		Kirill Filimonov	USA	I	Icecube Neutrino Observatory at the South Pole
	25		Vladimir Papitashvili	USA	I	Observing the Universe from the South Pole
III	25	Dome C	Nicolas Epchtein	France	I	ARENA, a roadmap for astronomy at Concordia Station <i>To be given by Hans Zinnecker</i>
<i>2pm</i>	25		Vincent Coudé du Foresto	France	I	Future Plans for Dome C
	15		Paolo Persi	Italy	O	Star Formation at Dome C <i>Cancelled</i>
	15		Danielle Briot	France	O	LUCAS: detecting vegetation and traces of life in the Earthshine
IV	30	Dome A	Xiangqun Cui	China	I	CSTAR and Future Plans for Dome A
<i>4pm</i>	30		Michael Ashley	Australia	I	The PLATO observatory: robotic astronomy from the Antarctic plateau

Day 2, August 7 Room 2.6 (except Session III, in Room 2.11)

Session	Time	Theme	Speaker	Country	Status	Title
I	20	Dome F	Yuko Motizuki	Japan	O	Solar cycles and Supernovae embedded in a Dome F ice core
9am	25		Takashi Ichikawa	Japan	I	Plans for Dome F
	15	Other Sites	Michael Andersen	Denmark	O	Site testing activities on the Greenland icecap
	15		Pablo Recabarren	Argentina	O	Astronomy at the Belgrano Argentine Antarctic Base <i>Cancelled</i>
II	15		Andreas Kelz	Germany	O	Astrochemistry and Astrophotonics from Antarctica <i>Cancelled</i>
11am	25		Gordon Stacey	USA	I	The Stratospheric Terahertz Observatory (STO)
	30	Visions for Ant. Astro	Hans Zinnecker	Germany	I	Science for the Antarctic Plateau: what should we do?
III		Business Meetings	Michael Burton		-	Business of IAU Working Group for the Development of Antarctic Astronomy
2pm			All		-	Election of new committee
			John Storey		-	SCAR "Astronomy and Astrophysics from Antarctica" planning group meeting
		Posters	Petre Popescu	Romania	P	Module for observation in polar regions - polar robotic telescope
			Xuefei Gong	China	P	CSTAR telescope and Dome A site testing
			Guomin Wang	China	P	Robotic supporting for LAMOST-type focal plane on the Antarctic plateau

A dinner will be organised on August 6 for participants at this meeting.
For further details of the meeting see www.phys.unsw.edu.au/jacara/iau.

Michael Burton
Chair, SOC and IAU WG for Antarctic Astronomy