

ASA virtual ASM 2020 schedule

Tuesday, 7 July: full day of student talks. Each talk is 15 minutes long (12 minutes talk, 3 minutes of questions). There will be two parallel sessions in virtual rooms 1 and 2. The start time is in Perth time (add 2 hours for Melbourne / Sydney / Brisbane).

The meeting will start at 9 AM Perth time (11 AM Melbourne/Sydney/Brisbane) on Tuesday, 7 July, with a brief welcome from ASA President Cathryn Trott, followed by separation into two rooms, with subsequent schedule as noted on the next two pages. The Tuesday sessions will end by 15:00 Perth time (17:00 East coast time).

Wednesday, 8 July: Prize talks and AGM.

Again, start at 9 AM Perth time (11 AM Melbourne/Sydney/Brisbane), finishing by 13:00 Perth time (15:00 East coast). The schedule appears on the last page.

Tuesday, Room 1:

Session 1A.		
9:05	Jessica Thorne	Using the SED-fitting code ProSpect to trace star formation in DEVILS
9:20	Alex Cameron	Spatially resolved auroral line metallicity in a high-redshift analogue with SAMI
9:35	Giulia Santucci	The SAMI Galaxy Survey: stellar population gradients of central galaxies
9:50	Sabine Bellstedt	Cosmic evolution of star formation and metallicity using the SED-fitting code ProSpect for the GAMA survey
10:05	Shannon Melrose	Do ALL molecular clouds contain significant amounts of gravitationally bound gas? Understanding star formation through analysis of the N-PDF in the StarFISH CS(1-0) survey.
10:20	Sam Vaughan	K-CLASH: Direct evidence of Environmental Quenching in massive clusters at $0.3 < z < 0.6$
Break: 10:35-11:00		
Session 1B.		
11:00	Arianna Dolfi	The formation history of the nearest field lenticular galaxy from its kinematics out to ~ 6 effective radii and the origin of its Ultra-Compact Dwarfs
11:15	Lara Cullinane	Exploring origins of stellar substructures in the Magellanic Periphery using 3D kinematics
11:30	Alec Thomson	SPICE-RACS: Spectra and Polarization In Cutouts of Extragalactic Sources from RACS
11:45	Chenoa Tremblay	Low-Frequency Continuum & Molecular Line Survey of the Vela and Puppis Constellations
12:00	Fiona Panther	A new constraint on the origin of Galactic Center positrons
12:15	John Alexander Pena Lopez	Venturing beneath a sea of cloud canopies: a short story about how tree diagrams allow us to understand the early stages of star formation.
Break: 12:30-13:00		
Session 1C.		
13:00	Robin Cook	The Role of Bulges Along and Across the Local Star-Forming Main Sequence
13:15	Matías Bravo	From luminosity functions to colour distributions: tackling the next challenge in cosmological simulations
13:30	Adam Watts	The impact of environment on the dynamics of gas reservoirs in galaxies
13:45	Lawrence Dam	Cosmology from peculiar velocities: more precision in the precision using a probabilistic framework
14:00	Philippa Patterson	A Low-Frequency Study of the Magellanic Clouds using the Murchison Widefield Array
14:15	Chris Riseley	Powering Restarted Giant Radio Galaxies: The High-Resolution Perspective from VLBI and Integral Field Spectroscopy
14:30	Adam Thomas	In a state of shock: Surprising and useful results from new MAPPINGS fast shock models

14:45	Patrick Yates	The interaction between radio jets and their host environments
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Tuesday, Room 2:

Session 2A.		
9:05	Nichole Barry	The Worldwide Pipeline Challenge: Harnessing MWA and LOFAR Epoch of Reionization Pipelines for the SKA
9:20	Yuanming WANG	Fast scintillators revealed by ASKAP
9:35	Joshua Pritchard	A circular polarisation survey for radio stars with ASKAP
9:50	Dougal Dobie	Radio Follow-up of Gravitational Wave Events
10:05	James Leung	An unbiased search for GRB radio afterglows with ASKAP
10:20	Ziteng Wang	Detecting prompt radio bursts from neutron star mergers with ASKAP
Break: 10:35-11:00 Session 2B.		
11:00	Daniele d'Antonio	A new eye on time domain in the era of SKA precursors and e-Rosita
11:15	Hao Qiu	A search for radio transients in ASKAP FRB host galaxies
11:30	Cherie Day	High Time Resolution Spectral, Temporal, and Polarimetric Properties of ASKAP-localised Fast Radio Bursts
11:45	Cuiying Song	The study of magnetic black hole accretion disk as the central engine of gamma-ray burst
12:00	Marcus Lower	Wideband spectropolarimetric properties of the radio magnetar XTE J1810-197 following its 2018 outburst
12:15	Kathryn Ross	Unexpected Spectral Variability of AGN at Low Frequencies
Break: 12:30-13:00 Session 2C.		
13:00	Arash Bahramian	MAVERIC survey: identifying exotic accreting binaries in Galactic globular clusters, hundreds at a time
13:15	Adelle Goodwin	Earliest multiwavelength observations of an accreting neutron star coming into outburst
13:30	Isobel Romero-Shaw	On the origin of GW190425
13:45	Moritz Hübner	Measuring gravitational-wave memory with LIGO/Virgo: Results from the third observing run
14:00	Simon Stevenson	The impact of pair-instability mass loss on the binary black hole mass distribution
14:15	Shanika Galaudage	Population properties of binary black holes: results from LIGO/Virgo Observing Run O3
14:30	Nandini Sahu	New Black Hole Mass Scaling Relations, Dependent on Galaxy Morphology and Further Associated with Galaxy Formation/Evolution Processes

Wednesday:

		Session A.
		9:00 Introduction
9:05	Bok Prize Talk (15+5)	
9:25	Heisler Prize Talk (15+5)	
9:45	Webster Prize Talk (30+5)	
10:20	Green Prize Talk (30+5)	
		Break.. 10:55-11:30
		Session B.
11:30	AGM	
		13:00
		Close of meeting