

## MONDAY 9th December 2019

Time	Speaker	Presentation (Lecture Hal)	Workshop
0910 - 0930		<b>Introduction to RTSRE</b>	
<b>0930 - 1030</b>	<b>Christian Sasse</b>	<b>Keynote</b>	
<b>1030 - 1100</b>		<b>Morning Tea</b>	
1100 - 1115	George Hobbs	Parkes and Pulse@Parkes	
1115 - 1145	Jim Pollock	Great Melbourne Telescope	
1145 - 1200	Josh Haislip (Zoom)	Skynet update: Afterglow 2.0	
<b>1200 - 1300</b>		<b>Lunch</b>	
<b>1300 - 1400</b>	<b>Andy Howell</b>	<b>Keynote</b>	
1400 - 1410		Short break	
1410 - 1425	Duncan Galloway	The Gravitational-wave Optical Transient Observer and it's role in astronomy education	<b>Christian Sasse Using Remote Telescopes for Imaging</b>
1425 - 1440	Brad Tucker	Skymapper: A robotic telescope for science, outreach, and education	
1440 - 1455	Kirsten Gottschalk	The SPIRIT Program: four remote telescopes supporting student research and education	
1455 - 1510	Hyun-Il Sung (TBC)	1 metre telescope in Mt. Lemmon Arizona	
<b>1510 - 1540</b>		<b>Afternoon Tea</b>	
1540 - 1555	Mario C. Diaz	An astronomical park for the university and the community	<b>Christian Sasse Using Remote Telescopes for Imaging</b>
1555 - 1610	Alexander Obradovic	Prompt source classification in the age of fast transient astronomy	

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1610 - 1625	Julian Galvez Serna	Low-cost robotic telescope integration	

## Tuesday, 10th December 2019

Time	Speaker	Presentation (Lecture Hal)	Workshop
0845 - 0945	Jesse Christiansen	Keynote	
0945 - 1000	Rob Zelle (Zoom)	The Exoplanet Transit Survey	
1000 - 1015	Saeed Salimpour	Strange New Worlds: Bringing Exoplanet science to the classroom	
1015 - 1025		Short break	
1025 - 1100	Student Sessions		
1115 - 1130		Morning Tea	
1130 - 1145	Olivier Guyon (Zoom)	Project PANOPTES: Overview	
1145 - 1200	Preethi K	PANOPTES: An International Student-Led Exoplanet Survey Network	
1200 - 1215	Therese Cook (Zoom)	Detecting transiting exoplanets with a low-cost robotic telescope system	
1215 - 1305		Lunch	
1305 - 1405	Travis Rector	Keynote	
1405 - 1415	David Benn	VStar: A variable star data visualization and analysis tool	Christian Sasse Image Processing with Astropixelprocessor
1415 - 1430	Stella Kafka	The AAVSO as a resource for student research (EXTRA TIME FOR AWARD?)	
1430 - 1445	Kalee Tock	Out of My comfort Zone: Astronomy Research with High School Students	

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1445 - 1500	Michael Brown	15 years of Observational Astronomy	
1500 - 1515	Michael Fitzgerald	Creating capacity for student research: astrosource, 12WRC and ATOM	
1515 - 1545		Afternoon Tea	
1545 - 1600	Shaukat Goderya	N-Body Simulation of Binary Star Mass Transfer Using NVIDIA GPUs	Christian Sasse Image Processing with Astropixelprocessor
1600 - 1615	Rob Hollow	Lowering the wavelength - advantages and opportunities with radio astronomy in the classroom	
1615 - 1630	Rachel Freed	Astronomy Research Experiences for Teachers and Students - Instruments to Measure Self-Efficacy	
1630 - 1645	Tim Jones	A new distance estimate to RX Eri and a teachers' first experience at astronomy research	
1645 - 1700	Carolyn Brown	USQ's Astronomy for Schools and Community Groups Program: Engaging the Southern Queensland Region for Over 20 Years	

## Wednesday, 11th December 2019

Time	Speaker	Presentation (Lecture Hal)	Workshop
0900 - 0915	Edward Gomez (Zoom)	Global Sky Partners: Networking telescopes and people	
<b>0915 - 1015</b>	<b>Kate Meredith</b>	<b>Keynote</b>	
1015 - 1025		Short break	
1025 - 1040	Urban Eriksson	What do students see when they see an astronomical image? Not what a scientist might expect (or see)!	
1040 - 1055	Alice Hopkinson	SEROL: An interactive, educational tool for inspiring young scientists.	
1055 - 1110	Clare Kenyon	The Telescopes in Schools Program	
<b>1110 - 1140</b>		<b>Morning Tea</b>	
1140 - 1155	Michael Reid	Non-science majors and robotic telescopes	<b>Pat Boyce - TESS follow up/ Exoplanets and much more!</b>
1155 - 1210	David Morris	The University of the Virgin Islands B.S. in Physics: A Robotic Telescope Project That Became a Physics Degree Program	
1210 - 1225	Jielai Zhang	West African International Summer School for Young Astronomers	
1225 - 1240	Michele Trenti & Clare Kenyon	Kathmandu Astrophysics School	
<b>1240 - 1330</b>		<b>Lunch</b>	
1330 - 1345	Kelly Jawerth and Peter Blanch	Astronomy in the HSC Science Extension	

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1345 - 1445	Jaya Ramachandani	Keynote	
1445 - 1505		Afternoon Tea	
1505 - 1520	Byron Usmar	Reflections on HSC Science Extension and Parkes Pulsar Research	
1520 - 1535	Lauren Inwood	Observing Open Clusters in the NSW Year 10 Depth Study	
1535 - 1615	Angela Fitzgerald	Keynote	