



Annual Conference

15 - 16 April 2019

Pulteney Grammar School



Thinking Science

Delegate Running Sheet | Tuesday 16 April

Wifi details: Network Connection: PGSGuest | Username: PGSSASTA | Password: Pult3ney1

8.45am	Welcome to Day 2 Address from SASTA Patron		Wyatt Hall
9.05am	Keynote Presentation: Understanding the role of science in the post-truth era <i>Professor Sandra Orgeig, The University of South Australia</i>		Wyatt Hall
10.05am	SASTA AGM		Wyatt Hall
10.35am	Morning Tea & Exhibition		Middle School Building
11.10am	Cutting Edge Session 1		
1A	New weapons against superbugs	Dr Katharina Richter	SASTA 1
1B	Hydrogen: A renewable energy sourced from sunlight and water	Dr Cameron Shearer	SASTA 7
1C	Application of Physics and Engineering to Medicine	Sean Geoghegan	SASTA 12
12.15pm	Cutting Edge Session 2		
2A	The Quantum Information Revolution	Dr Ben Sparkes	SASTA 6
2B	Using a zombie apocalypse to engage students in environmental health and increase scientific literacy	Dr Harriet Whiley	SASTA 1
2C	Genetic Scissors and the future for personalised medicine	Dr Susan Woods	SASTA 7
1.15pm	Lunch & Exhibition		Middle School Building
2.05pm	Workshop Session 4		
4.01	Lets really do science inquiry	Kate Dilger	SASTA 1
4.02	The Sustainability of STEM	Janine King	SASTA 3
4.03	New Science elaborations addressing Aboriginal and Torres Strait Islander Histories and Cultures	Katrina Elliott, Dr Joe Sambono & Donna Shillingford	SASTA 2
4.04	Oliphant Science Awards Information Workshop	Peter Turnbull & Gerald Little	SASTA 4
4.05	Effective Formative Assessment with Education Perfect.	Kelly Hollis	SASTA 7
4.07	Working with PocketLab - The science lab that fits in the palm of your hand	Paul Smargiassi	SASTA 8

More details on the next page

2.05pm	Workshop Session 4 (continued)		
4.09D	ArtLab Excursion (DOUBLE SESSION)		Please meet at the SASTA exhibition booth promptly at 1.30pm. The group will be walking and catching the free tram from Pulteney Grammar School, which will take approximately 22 minutes.
4.10D	SA Museum Excursion (DOUBLE SESSION)		Please meet at the SASTA exhibition booth promptly at 1.30pm. The group will be walking and catching the free tram from Pulteney Grammar School, which will take approximately 23 minutes.
4.12D	University of Adelaide (including the Vernon-Roberts Museum) Excursion (DOUBLE SESSION)		Please meet at the SASTA exhibition booth promptly at 1.30pm. The group will be walking and catching the free tram from Pulteney Grammar School, which will take approximately 28 minutes.
3.10pm	Workshop Session 5		
5.01	Thinking and Acting Scientifically develops through Science as a Human Endeavour	Katrina Elliott	SASTA Lab 1
5.02	Engaging Students in STEM Learning	Peter Beveridge	SASTA 4
5.03	Adelaide International Bird Sanctuary: Bringing birds and conservation into your curriculum	Bruce Baker	SASTA 3
5.04	Using Laser Technology in Educaitaion	Ben Branford	SASTA 5
4.15pm	Happy Hour		Middle School Building

The full program can be found at www.sasta.asn.au

Cancelled Sessions:

- **4.06** - Physics of Music, *Keith Man, Neuplex Pty Ltd*
- **4.08** - Cross year level integrated challenge - Space Quest, *Jarrod Johnson, Pulteney Grammar School*
- **4.11D** - EXCURSION: The Art of Critical Thinking
- **5.05** - A scientific inquiry in the microscopic world, *Brett Darcy, GoMicro through the New Venture Institute, Flinders University*
- **5.06** - Going Viral - how to use storification to engage students, *Karla Pobke, Sophie Braun, Alex Rendoulis, Daisy Keating, ASMS*
- **5.07** - Using the Oliphant Science Awards to guide student inquiry, *Sarah Finney, Stirling East Primary School*