



Annual Conference

15 - 16 April 2019

Pulteney Grammar School



Thinking Science

Delegate Running Sheet | Monday 15 April

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

8.55am	Welcome & Opening SASTA Medal Presentation		Wyatt Hall
9.30am	Keynote Presentation: Classroom Science - Real World Research - where the two meet <i>Associate Professor Alan Duffy, Swinburne University / Royal Institution of Australia</i>		Hall
10.35am	Morning Tea & Exhibition		Middle School Building
11.10am	Workshop Session 1		
1.01	Importance of School-University projects for learning in the 21st Century	Associate Professor Alan Duffy	SASTA 1
1.02	Questioning in science - findings from a teachers action inquiry	Katrina Elliott, Rachel Pontifex & Lucy Cameron	SASTA 2
1.03	STEAM assessment in the kitchen garden and nature play space	Kathleen Best	SASTA 3
1.04	Immersive learning experiences with AR, VR and interactive simulations.	Izzie Telfer	SASTA 4
1.05	Concept Cartoons - a tool for diagnostic and formative assessment	Jenny Woodcock	SASTA 5
1.07	Investigative experiments in Middle and Senior Science with sensor technologies and mobile devices	John Cadogan	SASTA Lab 1
1.08	Mission to Mars Program	Mike Roach & Tony Virgo	SASTA 7
1.09D	Science is Everyone's Beeswax	Sarah Finney	SASTA Lab 2
1.10D	From 'See, Think, Wonder' to investigation	Sonia Cooke	SASTA 8
12.15pm	Workshop Session 2		
2.01	Immersive STEM experiences	Joanne Scott	SASTA 1
2.02	Thinking Scientifically	Abby MacPherson & Andrew Frazer	SASTA 3
2.03	STEM Physics - Sound and Wave analysis using student owned devices	Paul Gavini	SASTA 4
2.04	Science as a Human Endeavour Questioning for SACE	Katrina Elliott & Cindy Bunder	SASTA 2
2.05	Investigative experiments in Primary Science with sensor technologies and mobile devices	John Cadogan	SASTA Lab 1
2.06	Science Entrepreneurship Program	Brad Howard	SASTA 5
2.07	Using student inquiry to drive opportunities for learner agency	Glenys Thompson & Lisa Pope	SASTA 6
2.08	Battle Bots	Jarrold Johnson	SASTA 12

More details on the next page

1.15pm	Lunch & Exhibition		Middle School Building
2.05pm	Workshop Session 3		
3.01	Gamification - How to make games and fun out of Thinking Science	Hilary Schubert-Jones	SASTA 2
3.02	I don't know where to start!	Joanne Scott	SASTA 1
3.03	STEM Physics and Chemistry with "Tracker" opensource software (Mac & PC)	Paul Gavini	SASTA 4
3.04	Authentic STEM...It really is Rocket Science	Mike Hawkey	SASTA 3
3.05	Using a scanning electron microscope in STEM learning P-12	Jessica Jones	Exhibition - Booth 12
3.06	"Weather, climate, rates of change, complexity and chaos. What's going on?"	Vanessa Fay	SASTA 5
3.07	Opportunities for student studies in SA National Parks	Len Altman	SASTA 6
3.08	Working Safely with Glassware	Sheryl Hoffmann	SASTA Lab 1
3.09	Breaking down stereotypes in STEM	Karen Palumbo	SASTA 7
3.10	Exploring Concepts Through Extended Projects	Alexandra Fowler	SASTA 8
3.10pm	A Panel of Dangerous Ideas		Wyatt Hall
	To join the conversation for the panel discussion please visit: https://www.sli.do/ Enter the event code: #X353 and press join		
4.25pm	SASTA Celebration & Awards Ceremony		Wyatt Hall

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

Cancelled Sessions:

- **1.06** - Stage 1 Biology: Developing SHE, *Kathy Adams, Horizon Christian School*