

Wednesday 10th October

Seminar Space, Level 8

Time	Author/s	Paper Title
WELCOME		
9:30	Karl Winda Telfer, Senior Kurna Custodian of Ceremony; Prof Jo Cys, Pro Vice Chancellor: Education, Arts and Social Sciences, University of South Australia; Caroline Farmer, Chair, ANAT Board	Simon Biggs to welcome and introduce special guests
KEYNOTE		
9:45	Dr. Jill Scott	Creative Incubators for a Common Culture
10:45	Morning tea	
MATERIALITY		
		Chair: Leah Barclay
11:05	Joanne Cannon, David Sly and Stuart Favilla	Holophonic Monster
11:25	Anton Hasell and Daniel East	Direct metal 3D printed bell
11:45	Jo Law, Agnieszka Golda, Helen McGregor and Sepidar Sayyar	Material Science, Slow Textiles & Ecological Futures - an art-science research collaboration in response to global challenges
12:05	Q+A	
12:30	Lunch break	
VISUALISATION		
		Chair: Mary Rosengren
13:30	Grayson Cooke	Creative Uses of Remote Sensing Technologies: Landsat data and the "Open Air" project
13:50	Pamela Bain, Carolyn Lewens, Christopher Fluke, James Josephides, Jeffrey Cooke, Igor Andreoni, Roger Alsop and Stephanie Sacco	Galileo's Heritage: Astronomers, Artists and DEEPER DARKER BRIGHTER
14:10	Ula Alexander, Jason Gascooke and Warren Lawrance	Molecules as artists - patterns in nature revealed with laser light
14:30	Anastasia Tyurina	Creative Interpretation of Images Created by the Scanning Electron Microscope as a Premise within Image Centered Science
14:50	Q+A	
15:10	Afternoon tea	
NANO-OPTICS		
		Chair: Grayson Cooke
15:40	Elizabeth Day	Invisible Words/Invisible Worlds
16:00	Raewyn Turner, Brian Harris and Toni Froehlich	Sensing Nanos
16:20	Deirdre Feeney	Learning to understand collaborative process - the unexpected outcome of working across unfamiliar terrains
16:40	Q+A	
17:00-19:00	Opening Reception	

Join us on social media and share your Spectra moments using #spectra_adelaide2018 and #anat_australia
Facebook: @ANAT.AustralianNetworkforArtandTechnology Instagram: @anat_australia

Thursday 11th October

MOD. Lecture Gallery, Ground Level

Time	Author/s	Paper Title
INTERSPECIES		
		Chair: Keith Armstrong
9:00	Cat Jones	Somatic Drifts
9:20	Jiann Hughes and Xavier Mulet	Caring for Curious Ecologies: an open-ended, multi species collaboration with Metal Organic Frameworks
9:40	Lisa Chandler and Donna Davis	Unseen: collaborative processes and creative perspectives on the dynamics of hidden ecosystems
10:00	Dan Parker and Stanislav Roudavski	Towards Interspecies Art: Prosthetic Habitats in Human and Owl Cultures

10:20 Q+A

10:45 Morning tea

MOD. Lecture Gallery

Time	Author/s	Paper Title
CONTEXTS		
		Chair: Melentie Pandalovski
11:05	Stephen Jones	Data Visualisation and the roots of the Art / Science collaboration
11:25	Cris Kennedy and Liz Lea	DANscienCE - the nexus of dance and science
11:45	Trish Adams and Mirella Dottori	Something Quite Other
12:05	Q+A	
12:20	Rachel Perry, Research Fellow Strategic Development & Advocacy, Australia Council for the Arts	Interdisciplinary partnerships for arts research - a conversation starter

13:00 Lunch break

Seminar Space, Level 8

Time	Author/s	Paper Title
SYSTEMS		
		Chair: Deborah Lawler-Dormer
14:00	John Potts and Nigel Helyer	Science Meets Art at Bundanon
14:20	Katie Dyer and Lizzie Muller	Entanglement in Third Space: Scaffolding audience engagement in art-science exhibitions
14:40	Tania Leimbach and Keith Armstrong	Aerial Pitfalls
15:00	Andy Grodecki	The Artist in Residence Science Program: A catalyst for consilience

15:20 Q+A

15:40 Afternoon tea

Seminar Space, Level 8

Time	Author/s	Paper Title
ENVIRONMENT		
		Chair: Jo Law
16:00	Charlotte Sunde, Vicki Smith and Alison Greenaway	Walking the strand line - conversations about the intersections of art science (sci art) research in the production of Oceans Mesh
16:20	Alexander Hunter	Sounding Canberra: A community sound art and acoustic ecology project
16:40	Leah Barclay	Listening to aquatic ecosystems: Hydroponic discoveries enhancing conservation in freshwater and marine environments

17:00 Q+A

17:20 Symposium Close

Friday 12th October

Seminar Space, Level 8

Time	Author/s	Paper Title
BIO-SCIENCE		
Chair: Ash Tower		
9:00	Helen Pynor	On the Emergent Properties of Death: Experiments in Regeneration
9:20	Nina Sellars	Fat Matters: Fluid Art Interventions in the History of Anatomy
9:40	Niki Sperou	Uncertain Creation: Sympoetic System for Art and Science
10:00	Svenja Kratz, Bill Hart and Dietmar Hutmacher	Engineered Immortality: A Critical examination of the quest for eternal life through regenerative medicine and artificial intelligence.
10:20	Q+A	
10:45 Morning tea		
SUBMOLECULAR		
Chair: Cris Kennedy		
11:05	Andrea Russell	The moving image in nanoscience
11:25	Chris Henschke	Creative practices in particle physics
11:45	Paul Thomas	The Liminal space between classical and quantum
12:05	Q+A	
12:30 Lunch break		
EMPATHY		
Chair: Liz Lea		
13:30	Deborah Lawler-Dormer and Paul Corballis	Auckland Face Simulator and Witness: Two transdisciplinary projects working with artificial emotionally responsive avatars
13:50	Bec Dean and Lizzie Muller	Biomedical Art and Curatorial Care
14:10	Gary Anderson	STORMing silos. Using cross-disciplinary metaphor and public engagement to bridge the biomedicine - visual art divide
14:30	Toby Gifford, Alex Lambert and Jon McCormack	Strange Intimacy
14:50	Q+A	
15:10 Afternoon tea		
PLENARY		
15:20	Vicki Sowry, Oron Catts and Simon Biggs	Where to next....?
16:00 Symposium Close		

Public Program

Registration is essential unless otherwise noted. Visit spectra.org.au

EXHIBITION		
Curated by Experimenta Media Arts		
4-26 October	<i>The Art and Consequence of Collaboration</i>	SASA Gallery
Thu, 11 October, 6-8pm	LAUNCH PARTY	SASA Gallery

SCREENINGS		
all screenings are FREE		
Wed, 10 October, 7pm	<i>The Dish</i>	Mercury Cinema
Thu, 11 October, 8pm	<i>Open Air</i> by Grayson Cooke; single channel film, 70mins Working with aerial imaging on two vastly divergent scales and with music by acclaimed jazz trio, The Necks, <i>Open Air</i> is a creative manifestation of the forces that shape the Earth <i>Screenings suited to patrons 'coming and going'. No registration required.</i>	Iris Cinema
Thu, 11 October, 8pm	<i>Up There</i> , a short film program curated by Cris Kennedy, National Film & Sound Archive. 117mins <i>Cosmic Zoom</i> - 1968. 8 mins. <i>A New Look at the Sun</i> - 1970. 21 mins. <i>All About Weightlessness: the Astronaut's Dilemma</i> - 1955. 11 mins. <i>Who's Out There</i> - 1975. 28 mins. <i>Cosmos</i> - 1970. 6 mins. <i>Mercury: The Exploration of a Planet</i> - 1976. 24 mins. <i>Voyager 1: Saturn Encounter</i> - 1980. 7 mins. <i>Le Voyage Dans la Lune = a Trip to the Moon (Musical Soundtrack)</i> - 1902. 12 mins.	Mercury Cinema

TALKS		
Fri, 12 October 4.15 - 5.15pm	<i>At the Heart of Glass</i> Join JamFactory's CEO, Brian Parkes and Creative Director, Glass, Karen Cunningham, in a fascinating conversation with Chief Scientist of the world-renowned US-based Corning Museum of Glass, Dr Jane Cook. Together they will shed light on the ways that science and technology can, and are, transforming contemporary glassworking practice.	Mercury Cinema
Fri, 12 October 5.30 - 6.30pm	<i>Bodies in Space</i> Artists, Sarah Jane Pell (AUS) and Sue Austin (UK), both create work in environments that irrevocably alter how they understand, use and perceive their bodies. Join Natasha Mitchell (ABC RN), in discussion with the artists about the ways in which weightless environments have transformed not just their arts practices, but also their lives.	Mercury Cinema
Fri, 12 October 7 - 8.00pm	<i>Art in the Extreme</i> Join Sachie Yasuda, Project Manager of the Australian Antarctic Division's Artist Fellowship program, in conversation with two artists who have recently spent time on the ice, Philip Samartzis and Martin Walch. As well as talking about the work they did during their time in Antarctica, we'll hear first-hand how such an extreme and immensely beautiful environment continues to inform their respective arts practices.	MOD. Lecture Gallery

PERFORMANCE		
Fri, 12 October 8.15 for 8.30pm	<i>A Galaxy of Suns</i> Created by Michaela Gleave, with Amanda Cole and Warren Armstrong, this unique collaboration across contemporary music, art, astronomy and design is live performance on a galactic scale.	Freemason's Hall

At the conclusion of the performance the bar will open for Spectra 2018 closing drinks.

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