Visiting Speakers

Anjan Chatterjee
Anjan Chatterjee is the Frank A. and Gwladys H. Elliott Professor and Chair of Neurology at Pennsylvania Hospital. He is a member of the Center for Cognitive Neuroscience, and the Center for Neuroscience and Society at the University of Pennsylvania. His research addresses questions about spatial cognition and language, attention, neuroethics, and neuroaesthetics. He wrote The Aesthetic Brain: How we evolved to desire beauty and enjoy art and co-edited: Neuroethics in Practice: Mind, medicine, and society, and The Roots of Cognitive Neuroscience: behavioral neurology and neuropsychology. He was awarded the Norman Geschwind Prize in Behavioral and Cognitive Neurology by the American Academy of Neurology and the Rudolph Arnheim Prize for contribution to Psychology and the Arts by the American Psychological Association. He is a founding member of the Board of Governors of the Neuroethics Society, the past President of the International Association of Empirical Aesthetics, and the past President of the Behavioral and Cognitive Neurology Society.

Andrew Hugill
Andrew Hugill is a transdisciplinary composer, musicologist, literary scholar and computer scientist. He is the Director of the Centre for Creative Computing at Bath Spa University, UK, and a Principal Fellow of the Higher Education Academy. His books include: The Digital Musician (Routledge 2012), currently entering its third edition, and ‘Pataphysics: A Useless Guide (MIT Press, 2012), recently translated into Russian. Artistic works include: the online opera The Imaginary Voyage and the installation Secret Garden, which was experienced by more than 36,000 people during its exhibition in the Museum of Contemporary Art, Taipei.

Olga Kisseleva
The artist Olga Kisseleva’s approach to her work is much the same as a scientist’s. She calls upon exact sciences, on genetic biology, geophysics, and also on political and social sciences. She proceeds with her experiments, calculations and analyses, while strictly respecting the methods of the scientific domain in question. Her artistic hypothesis is thus verified and approved by a strictly scientific method. The artist’s exhibitions include: Modern Art Museum (Paris, France), Museo Nacional Centro de Arte Reina Sofia (Madrid, Spain), Dakar Biennial (2002), Istanbul Biennial (2009), La Fondation Cartier for contemporary art (Paris, France), Centre Georges Pompidou (Paris, France), Guggenheim Museum (Bilbao, Spain), Art Institute (Chicago, USA), National Centre for Contemporary Art (Moscow), Director of the Art&Medium program, and founder of the Art&Science Laboratory of Sorbonne, Olga Kisseleva teaches contemporary art in the University of Paris 1 Panthéon-Sorbonne.

Bill Thompson
Bill Thompson is a Professor of Psychology at Macquarie University, where he runs the Music, Sound and Performance Lab. He is Chief Investigator of the Centre of Excellence in Cognition and its Disorders, and founding Director of the Centre for Elite Performance, Expertise and Training. Bill has published over 140 articles and chapters, including his book "Music, Thought and Feeling" (2014, Oxford University Press). He was the editor of the Encyclopedia of Music in the Social and Behavioral Sciences (Sage, 2014), and he was elected Fellow of the Association for Psychological Science in 2015. He is currently President of the Australian Music Psychology Society, and chair of the executive committee of the International Conference on Music Perception and Cognition.
Introduction
A number of creative works in both the arts and the sciences have flourished in consequence of exchanges between artistic and scientific cultures.

However, some scholars continue to defend the ‘Two Cultures’ view, which separates artistic culture from scientific thought and holds that scientific methods fail to enlighten our understanding of art.

Thus, can artists and scholars from the humanities develop authentic collaborations with scientists?

Can scientific innovations benefit from artistic creativity?

What are the contributions of science to our understanding of art and music?

In Creativity in the Borderland Between Art and Science, a dream team of international artists, cognitive scientists, musicians, philosophers and literary writers unite their efforts in the borderland of Darwin [NT] for addressing these fascinating questions. They will present ground-breaking works and theories aimed at transfiguring your understanding of the interactions between art and science.

Day 1    Thursday 3 August 2017

10:00am  Welcome – Brian Mooney, Head of School, Creative Arts and Humanities

10:30am – Session 1  Creativity in Art and Science
Andrew Hugill & Christian Bök

12:30pm  Lunch

2:30pm – Session 2  Artists Inspired by Science
Olga Kisseleva & Ioannis Michaloudis

4:30pm  Day 1 – End

Day 2    Friday 4 August 2017

10:00am – Session 3  Foundations of the Science of Art
Anjan Chatterjee & Nicolas Bullot

12:00  Lunch

1:00pm  Science, Music and Society
Bill Thompson and Martin Jarvis

3:00pm  Symposium Wrap Up – Roundtable Discussion

4:00pm  Day 2 – End

Please register your interest in attending at email: cahadmin@cdu.edu.au

Front cover image:
Stephanie Martin, 2017, LTP 2.2 from the series ‘Lighting the Pass: the object as lens’, photography, dimensions variable.

Inside image:
Stephanie Martin, 2017, LTP 2.16 from the series ‘Lighting the Pass: the object as lens’, photography, dimensions variable.
Symposium: Creativity in the Borderland between Art and Science

Charles Darwin University
3 & 4 August, 2017
Building: Blue 1.1.01 Theatre

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