

# Annual Newsletter

Issue 4 | Winter 2017

## Supporting international workshops and fellowships at Surrey



### Director's Note

💡 This year the Institute funded Fellowships for the first time to enable scholars to come to the university from abroad to work with Surrey academics on joint projects. We are very grateful to Santander for supporting some of the Fellows and to the University for its support for the others. I am delighted that the Fellowship scheme proved to be such a success, with the Fellows reporting that they found their visits very worthwhile and their experience of Surrey invigorating. In addition, we contributed to the organisation and funding of four workshops, which as always, attracted a wide spectrum of scholars from around the world to advance ideas across the disciplines – from astronomy to the visual arts. I'm looking forward to the coming year with another interesting programme, with five more workshops and several more Fellows visiting. 💡

*Nigel Gilbert*

Professor Nigel Gilbert  
IAS Director

The Institute of Advanced Studies (IAS) at the University of Surrey makes awards to staff to support the arrangement of international multidisciplinary workshops and fellowships at the University. This academic year the IAS awarded five grants of up to £4000 each as contributions to the cost of the workshops, and four Fellowships worth up to £5000 each.

### Workshop competition winners 2017 / 2018

**Brain Monitoring in Home and Work Environments to Enhance Independent Living in Those with Neurodisabilities**  
Lead organiser: Professor Annette Sterr, School of Psychology

**Hyperuniformity and Local Self-uniformity: From Biomimetics to Photonic Integrated Circuits**  
Lead organiser: Dr Marian Florescu, Department of Physics

**Neuroplasticity: From Bench to Machine Learning**  
Lead organisers: Dr Andre Grüning, Department of Computer Science and Dr Julie Seibt, School of Biosciences and Medicine

**Economic Theory for the Anthropocene: Towards Heterodox Understandings of Sustainable Economies**  
Lead organiser: Dr Simon Mair, Centre for Environment and Sustainability

**The Role of the Microbiome and the Gut-brain Axis in Health and Well-being Across the Life-Span**  
Lead organiser: Dr Kathrin Cohen Kadosh, School of Psychology

More information about these events will be available at: [ias.surrey.ac.uk](http://ias.surrey.ac.uk)

### IAS / Santander Fellowship competition winners 2017 / 2018

This fellowship scheme enables scholars to spend time with University of Surrey academics pursuing research of mutual interest.

Fellow: Dr Weining Man, San Francisco State University, USA  
Host: Dr Marian Florescu, Department of Physics

Fellow: Professor Geraint Lewis, University of Sydney, Australia  
Host: Dr Michelle Collins, Department of Physics

Fellow: Professor Andrea Carnaghi, University of Trieste, Italy  
Host: Professor Peter Hegarty, School of Psychology

Fellow: Dr Ramin Jaberi, Tehran University of Medical Science, Iran  
Hosts: Dr Annika Lohstroh and Dr Shakardokht Jafari, Department of Physics



### Dr Simon Coulombe, Wilfrid Laurier University, Canada

Host: Dr David Frost, School of Psychology

Dr Coulombe's research interests are based on the integration of theories, concepts and methods from positive psychology and environmental psychology within a community perspective (focus on underprivileged communities).

“ The Fellowship has allowed me to collaborate with an international expert on stigma, Dr David M. Frost. By combining our research interests, I think we can help better understand how to promote well-being for LGBTQ individuals and other marginalized communities. The School of Psychology at Surrey was a very welcoming environment. People here are doing research that really matters for society. ”



### Professor Duncan A. Forbes, Centre for Astrophysics & Supercomputing, Swinburne University, Australia

Host: Professor Mark Gieles, Department of Physics

Professor Forbes' interests span most of extragalactic astronomy and cosmology, however, he focuses on observational aspects of galaxy formation and evolution.

“ This was my first visit to the Astronomy Group at Surrey, and I am confident that it has established an ongoing long-term relationship. I am very grateful to the Santander Fellowship for support during my visit to the University of Surrey. ”



### Dr Kristen Knutson, Northwestern University, USA

Host: Professor Malcolm von Schantz, School of Biosciences and Medicine

Dr Knutson is a biomedical anthropologist, and as such, she is interested in how sociocultural factors intersect with sleep and circadian physiology to impact human health.

“ The Santander Fellowship provided me the opportunity to expand my collaboration with Prof von Schantz by funding two visits to Surrey during which we were able to focus our efforts on our shared research projects. This focused time was pivotal to accelerating progress on these projects, including manuscripts and grant applications. ”



### Associate Professor Annick Masselot, University of Canterbury, New Zealand

Host: Professor Roberta Guerrina, Department of Politics

Annick Masselot's research interests focus upon European Union and comparative law, specifically with regards to gender equality and equal treatment, social and employment law, reconciliation between work and family life, pregnancy and maternity rights.

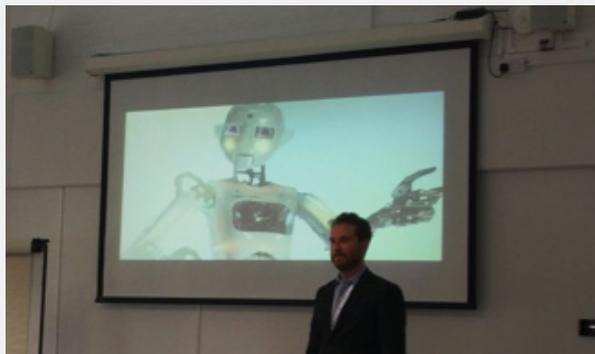
“ During both of my visits at the Department of Politics I had the opportunity to interact with many colleagues at the politics department but also across other departments at the University of Surrey, in particular with the law department. The fellowship has been extremely productive and I am very grateful to have been given the privilege to be a recipient of the Santander fellowship. ”

## Events in 2017

### Writing About Contemporary Artists: Challenges, Practices and Complexities

20 - 22 OCTOBER 2017

This conference sought to nurture dialogue between a range of different artistic fields concerning writing about contemporary artists. The event brought together scholars and practitioners in fields including musicology, theatre studies, dance and choreography, literature, film, digital media, and the visual arts. Its 70 participants represented a strongly international delegation drawn from North and South America, Australia, South Africa, and across Europe and the UK.



### Hybrid Human-Machine Computing (HHMC): From Human Computation to Social Computing and Beyond

20 - 21 SEPTEMBER 2017

The main aim of this workshop was to bring researchers in different disciplines but with common interests in HHMC together to promote interdisciplinary collaboration and innovative research ideas. It sought to identify concrete ways to sustain such activities by creating a long-term research network in the UK, Europe and globally. 63 participants from the UK, Germany, USA, the Netherlands, Italy, and China attended the event.

### Chronic Stroke Rehabilitation: Exploring Technology and Neuromodulation Across Domains

26 JUNE 2017

This multidisciplinary workshop brought together clinicians, neurologists and researchers working in different domains, with the common purpose of using cutting-edge technology and neuromodulation in chronic stroke rehabilitation. This includes techniques such as transcranial direct current stimulation (tDCS) and virtual reality. The workshop concluded that these techniques show promising results for rehabilitation in chronic stroke patients across several domains.

### Research Methods for Digital Work: Innovative Methods for Studying Distributed and Multi-Modal Working Practices

25 - 26 MAY 2017

This meeting focused on a key question for studies of contemporary work across disciplines: how can we combine methods or devise new methods to capitalise on diverse forms of data in order to build rich and theoretically-fruitful understandings of digitally-suffused working life? We aimed to promote cross-fertilization of approaches across disciplines and to instigate conversations on the theoretical purchase offered by different ways of studying work.



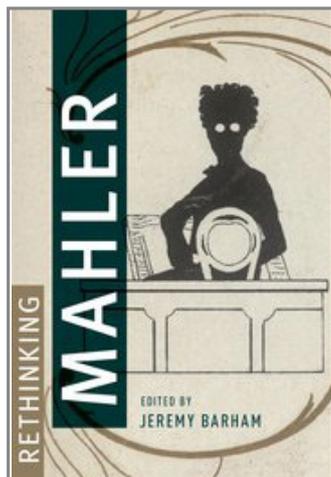
### Pregnancy After Bariatric Surgery: Optimising the Health of Mothers and Babies

20 - 21 APRIL 2017

The meeting aimed to develop an expert consensus statement for the management of conception and pregnancy post-surgery and to discuss research collaboration and grant proposals. It brought together expertise from a multidisciplinary group of researchers and clinicians (midwives, dietitians, endocrinologists, health psychologists and surgeons) from Surrey as well as national and international experts in the field.

Workshop reports are available at [ias.surrey.ac.uk](http://ias.surrey.ac.uk)

## Publications from our events:



### Rethinking Mahler

Editor: Jeremy Barham  
Oxford University Press, September 2017

Related event: *Mahler Centenary Conference 'Gustav Mahler: Contemporary of the Past?' (2011).*

### Intersections of Ageing, Gender and Sexualities

Edited by Andrew King and Sue Westwood  
To be published by Policy Press in 2018

Related event: *Intersections of Ageing, Gender, Sexualities (i-ages) (2015)*



### Relationship between Human Pupillary Light Reflex and Circadian System Status

Bonmati-Carrion MA, Hild K, Isherwood C, Sweeney SJ, Revell VL, Skene DJ, et al. (2016)  
PLoS ONE 11(9): e0162476. <https://doi.org/10.1371/journal.pone.0162476>

Related event: *Future Light Technology and Human Health (2015)*



### BMC Series

### Proceedings of the Musculoskeletal Health in the 21st Century Workshop

Edited by R. Lewis, C.B Gomez Alvarez and A. Mobasheri  
BMC Musculoskeletal Disorders, Volume 16 Supplement 1 (2015)

Related event: *Musculoskeletal Health in the 21st Century (2015)*

### Welcome to our new Board member



The IAS Advisory Board was pleased to welcome its first external member, Stephen Windsor-Lewis, Head of Communications at Linde Group on the Surrey Research Park. Stephen brings a wealth of experience in developing communication programmes nationally and internationally.

### Workshop / Fellowship Competition 2018/2019

The deadline for the next workshop grant and fellowship competition is **Friday 12<sup>th</sup> October 2018**. The competition is open to all academic and research staff. For further information, please visit [ias.surrey.ac.uk](http://ias.surrey.ac.uk)

### Comments from delegates:

"What I particularly appreciated about this conference was the opportunity to watch scholars and practitioners in other disciplines at work. This conference was particularly rich in its fostering of such cross-disciplinary discussions, not simply involving scholars but also scholars and artists, not to mention scholar-artists. Your organization of the conference was exemplary. Thank you for the care you all took to make this an exceptional experience." (*Writing About Contemporary Artists: Challenges, Practices and Complexities*)

"A lot more productive in the time scale for the meeting than had anticipated!" (*Pregnancy After Bariatric Surgery*)

"Very well organised and obviously a very exciting time for research and therapies." (*Chronic Stroke Rehabilitation*)

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