

# Knowledge, Innovation & Enterprise

Conference Edition

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May 2016

2016 KIE Best Paper Awards



## Meet KIE16 Conference Keynoters



### Knowledge, Innovation & Enterprise: Frank Habermann, PhD

Frank Habermann is a Professor at the Berlin School of Economics and Law in Germany. He is the co-founder of “Over the Fence”, an interdisciplinary community that aims to develop innovative tools for designing, managing and leading projects (<http://overthefence.com.de>). In this context, Frank introduced the “Project Canvas”, a widely-used open-source tool to visually define meaningful projects. Frank holds a PhD from the University of the Saarland in Germany. As a researcher and lecturer, he worked for the German Institute of Artificial Intelligence, and the Michael Smurfit Business School in Dublin, Ireland. For IMC, Europe’s biggest provider in Learning Management, he headed the consulting unit and was responsible for the firm’s international business. In 2009, Frank co-founded Becota (<http://www.becota.com>), a Berlin-based consultancy. Since 2010, Frank Habermann holds a professorship for Business Administration at the Berlin School of Economics and Law (<http://www.hwr-berlin.de>).



### Creativity: Chris Wilson & Michael Brown

Chris Wilson is the Learning Enhancement Manager at the University of Derby in the UK and an active composer and educator. He is a classically trained violinist, composer and practitioner in the technological arts, and has published, and presented internationally on the subjects of creativity, artistry, project management, and education. With a musical teaching career, he now leads university projects and works with national and international organisations in the development of creative learning and teaching practice.



Michael Brown is the Programme Leader for the BA (Hons) Music degree in the College of Arts, at the University of Derby in the UK. He holds diplomas in both Art and Music, a BSc (Hons) degree in Software Engineering, Mathematics and Music, and a Masters degree in Contemporary Composition, which combine to serve his interest in computer creativity. He is a Principal Researcher with over twenty-five years of teaching experience, an active artist, composer and musician. As well as maintaining his professional role, he is a member of the American Creativity Association and has presented his research in multimodal creativity internationally.



### Big Data & Analytics (Innovation): Dominique Heger, PhD

Dr Dominique Heger, Founder and CEO of DHTechnologies, Texas, USA. He has successfully conducted large-scale projects. He holds an MBA/MIS from Maryville University St. Louis, and a PhD in Information Systems from NSU, Florida.



### Big Data & Analytics: Alain Biem, PhD

Dr Alain Biem, is vice president (analytics) at Opera Systems. He holds a number of IBM patents where he worked as a Senior Research Scientist at the IBM New York, USA.

# 2016 KIE Conference Recognition Award for Best Papers\*

On behalf of the 2016 KIE Conference International Advisory & Review Board, it gives me a great pleasure to announce the winners of the KIE Conference Recognition Awards for 'best papers' published in the 2016 KIE Conference Books Series. The winners are:

## Category: Knowledge

Seth Agbo: 'Paradox of Internet and Tradition: Dialogical Integration of Technology and Indigenous Knowledge'

## Category: Creativity

- Jonan Donaldson: 'Alignment of Creativity Tools and Techniques with Theory and Research'
- Hansika Kapoor, Anirudh Tagat & David H. Cropley: 'Fifty Shades of Creativity: Case Studies of Malevolent Creativity in Art, Science, and Technology'
- Peter Lennox, Chris Wilson & Michael Brown: 'Creative Inhibition: How and Why'

## Category: Innovation (Big Data Analytics)

Deryn Graham: 'Big Data Science Education and the PIPAE Methodology for Big Data Analytics'

## Category: Enterprise

Muhammad Shariat Ullah & Minhajul Islam Ukil: 'Entrepreneurial Intention and Efficacy of Business Graduates in Bangladesh: Do Demographic Factors Matter?'

We extend our congratulations to all the winners and we say a big well done to all the nominated authors and co-authors.

James Ogunleye, PhD, FRSA

Chairman, 2016 KIE Conference

\*The awards relate to papers published in two KIE Conference Publications—'Creativity in Arts, Science and Technology' and 'Research Papers on Knowledge, Innovation and Enterprise' Volume IV.

## Profiles of Award Winners



### Jonan Donaldson

PhD Researcher, Drexel University, PA, USA



**Jonan Donaldson:** 'Alignment of Creativity Tools and Techniques with Theory and Research'

Jonan Donaldson is a PhD student in the Educational Leadership Development and Learning Technologies program at Drexel University. He has been an educator for two decades. The first decade was in Osaka, Japan, and in the second decade he taught technologies for teaching and learning in master's degree programs in Oregon. His research investigates the intersection of learning sciences, creativity, agency, and technology, as well as a research focus involving metaphors of learning in relation to beliefs and practices related to learning.

### Hansika Kapoor & Anirudh Tagat

Research Author at the Departments of Psychology & Economics respectively, Monk Prayogshala, Mumbai, India



Hansika is Research Author at the Department of Psychology, Monk Prayogshala, Mumbai, India. Having completed her Master's degree in Clinical Psychology, she is currently pursuing her PhD from IIT, Bombay, India in the area of creativity. Specifically, her thesis explores the measurement, facets, and process components of negative creativity through behavioural and electrophysiological methods. She is a practising psychologist and a passionate researcher, striving to improve the academic environment in India. Her research interests lie in cognitive science and social

psychology.

Anirudh is Research Author at the Department of Economics, Monk Prayogshala, Mumbai, India. Anirudh holds an MSc in Economics from the University of Warwick and consults with the World Resources Institute (WRI) India and Institute of Rural Management, Anand (IRMA), on projects concerning health economics, voting behaviour, and sanitation. His research interests include cross-cultural differences in decision-making, intra-household bargaining, and experimental economics.



### David Cropley

David Cropley is the Associate Professor of Engineering Innovation at the University of South Australia

Dr Cropley joined the School of Engineering at the South Australian Institute of Technology (SAIT) in 1990, after serving for four years in the United Kingdom's Royal Navy, including deployments to the Middle East and West Indies. Following the establishment of the University in 1991, he completed a PhD in Measurement Systems Engineering in 1997, and a Graduate Certificate in Higher Education in 2002.

Dr Cropley is author of four books including *The Psychology of Innovation in Organizations* (Cambridge University Press, 2015); *Creativity in Engineering: Novel Solutions to Complex Problems* (Academic Press, 2015); *Creativity and Crime: A Psychological Analysis* (Cambridge University Press, 2013) and *Fostering Creativity: A Diagnostic Approach for Higher*

*Education and Organisations* (Hampton Press, 2009). He is also co-editor of *The Ethics of Creativity* (Palgrave MacMillan, 2014) and *The Dark Side of Creativity* (Cambridge University Press, 2010).

Now a recognised expert in creative problem solving and innovation, Dr David Cropley was a scientific consultant and on-screen expert for the Australian ABC TV Documentaries *Redesign My Brain* (2013), *Life at 9* (2014) and *Redesign My Brain, Series 2* (2015).

Dr Cropley has a successful track-record delivering research and educational outcomes to clients. This includes more than \$900k of research grants for federal and state government departments—e.g. the Defence Science and Technology Organisation (DSTO) and SA Water – and also private industry (e.g. Tenix Defence Systems). In addition, Dr Cropley has developed and delivered more than \$3.7m of new educational programs for the federal Defence Materiel Organisation (DMO).







## Peter Lennox, Chris Wilson & Michael Brown

University of Derby, UK

**D**r Peter Lennox is a Senior Lecturer at the University of Derby, teaching and researching in auditory perception and spatial psychoacoustics. He has a background in the oil industry, heavy engineering, corrosion engineering, and theatre and film production. He has lectured at University of York, Bretton Hall, Sheffield Hallam University, and the University of Derby. He held the post of Director of the Signal Processing Applications Research Group (SPARG) at the University of Derby from 2003 to 2010. His special interests in the philosophy of the scientific study of perception.

**C**hris holds the position of Senior Lead in Learning Enhancement at the University of Derby in the UK and is a Senior Academic in the College of Arts. He is a classically trained musician and practitioner in the technological arts and has presented and published internationally on the subjects of creativity, art-

Research Centre in the UK, and a governor for his local primary school, Chris teaches across a number of subjects and works to actively promote creative practice in higher education.

**M**ichael is the Programme Leader for the BA (Hons) Popular Music with Music Technology degree in the College of

Arts, at the University of Derby, UK. He holds diplomas in both Art and Music, a BSc (Hons) degree in Software Engineering, Mathematics and Music, and a Masters degree in Contemporary Composition, which combine to serve his interest in computer creativity. He is a Principal Researcher with over twenty-five years of teaching experience, an active artist, composer and musician. As well as maintaining his professional role, he is a member of the American Creativity Association and has presented his research in multimodal creativity internationally.

Arts, at the University of Derby, UK. He holds diplomas in both Art and Music, a BSc (Hons) degree in Software Engineering, Mathematics and Music, and a Masters degree in Contemporary Composition, which combine to serve his interest in computer creativity. He is a Principal Researcher with over twenty-five years of teaching experience, an active artist, composer and musician. As well as maintaining his professional role, he is a member of the American Creativity Association and has presented his research in multimodal creativity internationally.



Peter Lennox, Chris Wilson & Michael Brown (L-R): 'Creative Inhibition: How and Why'



## Deryn Graham

Senior Lecturer in the Department of Systems Management and Strategy at the University of Greenwich, UK

**E**ur. Ing. Dr. Deryn Graham FHEA, C. Eng, FBCS, CITP, PhD, MSc, MA is currently a Senior Lecturer in the department of Systems Management and Strategy at the University of Greenwich, United Kingdom (UK), formerly a Visiting Fellow in the School of Computing and Mathematical Sciences at the University of Greenwich and a Reader (Associate Professor) in New Zealand. Her background is in applied Computer Science and Artificial Intelligence. Eur. Ing. Dr. Graham holds a PhD in Arti-

ficial Intelligence from Brunel University, UK, a master degree in Computing Science (MSc) and a master degree in Education (MA). She is a European Engineer (Eur. Ing.), a Fellow of both the British Computer Society (FBCS) and the Higher Education Academy (FHEA), a Chartered Engineer (C. Eng.) and a Chartered Information Technology Professional (CITP). She has held significant grants including a European FP5 project in Acoustic Emission applied to mechanically loaded Paper (AEP) and has published widely. Her most recent publications and research interests are in the area of Big Data and Learning.



## Seth Agbo

Associate Professor  
in Leadership & Policy  
Studies at Lakehead Uni-  
versity, Orillia, Canada



## Muhammad Shariat Ullah & Minhajul Islam Ukil



Faculty of Business Studies, University of Dhaka, Bangladesh

**D**r Muhammad Shariat Ullah is an Associate Professor in the Department of Management, Faculty of Business Studies, University of Dhaka, Bangladesh. Besides, he works as a Senior Research Fellow, at the Center for Trade and Investment (CTI), University of Dhaka. He holds bachelor degree in Business Administration with major in Management, Master of Business Administration with major in Strategic Management and PhD in Economics. Dr. Shariat has also



Muhammad Shariat Ullah

taught at Ritsumeikan University, Japan and Pusan National University, Republic of Korea. He has 21 research publications in local and international journals, 2 monographs, and 5 publications in conference proceedings. He specializes in empirical panel data research in the fields of international trade, FDI and labor migration; and cross-sectional research in the fields of human resource management. His current research focuses on work-life-education balance of executives in Bangladesh who participate academic programs at evening while staying on job.

**M**inhajul Islam Ukil is an entrepreneur, based in Helsinki, Finland. He has recently completed a Master of Business Administration with major in Human Re-

source Management from the University of Dhaka, Bangladesh, and a Bachelor of Business Administration with major in Customer Relationship Management from HAA GA - HELIA University of Applied Sciences, Finland. As a young researcher, Mr. Ukil has three publications in international referred journals and three publications in international conference proceedings. His research areas include youth entrepreneurship, career management, and work-related stress and wellbeing. His current research focuses on role of university-programs in creating entrepreneurial intention, and entrepreneurship as a career option.



Minhajul Islam Ukil



### Thematic Sections/Tracks:

#### Knowledge

Including teaching & (e-)learning in primary, secondary and higher education, knowledge-education, knowledge management, comparative knowledge, indigenous knowledge, Knowledge transfer partnerships, knowledge utilisation, intellectual property, library & information, Knowledge and technology

#### Innovation

Including business innovation, ICT/technology innovation including big data, analytics and deep learning, and management/organisation innovation and open innovation

#### Creativity

Including traditional themes/concepts of creativity—process, product, personality and environment; business/organisational creativity, arts, media & digital creativity, creative industries & enterprise, digital design & architectures, craft & animation, creativity in science and technology

#### Enterprise

Including entrepreneurship, marketing & strategy, HR, talent & development, servant/leadership in enterprise, SME business finance & accounting, business analytics, supply chain management, international business & management & family business/ethnic minority entrepreneurship

*There will be **opportunities to publish papers** in the KIE Conference publications—**2017 Creativity book and Research Papers In Knowledge, Innovation and Enterprise, Volume V 2017**—and selected papers will be published in the associated journal of the conference—see [www.ijkie.org](http://www.ijkie.org)*