

@iBEE2019

Innovations in Built Environment Education (iBEE) 2019

Digital Futures: Built Environment 4.0



University of Salford Media City Campus

3-5 July 2019



The Programme

Pre-conference programme Wednesday 3 rd July 2019		
18:00	Foyer, Main Building, Media City	Walking tour of Salford led by Jonathan Schofield of Manchester Tours <i>This is free to delegates but please ensure you book via janek@chobe.org.uk</i>
20:00	The Dockyard Media City M50 2EQ	Informal supper (pay as you go). <i>Please let us know if you are coming at janek@chobe.org.uk</i>
Day 1 Thursday 4 th July 2019		
09:15	Registration and Refreshments 3.06	
09:45	3.07/08	Welcome to Salford: Dr Gerard Wood, University of Salford Introduction to iBEE2019, Jane Wright and Professor Mike Riley, Co Chairs of CHOB
10:00	3.07/08	Keynote Dr Peter Bonfield Vice Chancellor University of Westminster
10:30	3.07/08	<i>The State of Global Surveying Education CHOB/RICS joint research project: interim findings</i> Professor Richard Laing Robert Gordon University Introduced by Professor Mike Riley (CHOB) and Mamta Patel (RICS)
11:15	3.06 Refreshment Break	

DAY 1	Session 1: Presentations		
11:45	3.07 Chair Jane Wright	3.02 Chair Bassam Bjeirmi	3.08 Chair Mike Riley
	<p>Jane Stonehouse Northumbria University <i>A picture paints a thousand words</i></p> <p>Chris Mason University of the West of England <i>Would building and property students' benefit by having access to recorded lectures?</i></p> <p>Nick Moore University College of Estate Management <i>Developing future Online Education for the Built Environment</i></p>	<p>Kevin Thomas Teesside University <i>PropTech in the Curriculum – an Easy Fit?</i></p> <p>Emma Mulliner, Yog Upadhyay, Tasnim Ahmed, Eamonn Kirke, Prof Shiv Prasad Singh, Dr. T.P.Singh Liverpool John Moores University and Amity University <i>Teaching law to non-law students</i></p> <p>Talib Butt; A. Macfadyen; J. Khaliq; H. M. Gouda Northumbria University, University of Wollongong in Dubai (UOWD) / Australia <i>Industry Placements in the Built Environment – 'Internal' and 'External' to a University</i></p>	<p>Dr Hamid Jahromi University of Westminster <i>Innovative Active Learning in Built Environment Education through Game-based Learning and VR</i></p> <p>Emma Love Birmingham City University <i>An Analogue Alternative</i></p> <p>Aled Williams University College of Estate Management <i>UCEM Centenary Projects for Good: The Built Environment for the Future</i></p>
12:45	3.06 Lunch		

DAY 1	Session 2: Workshops		
13:45	3.07 Chair Aled Williams	3.08 Chair Kevin Thomas	
	Jeff Kim, Ben Farrow, Richard Burt, Tom Leathem, Eric Wetzel McWhorter School of Building Science, Auburn University “Bringing the construction site into the classroom”	Dr. Ezri Hayat and Dr. Sergio Rodriguez Teesside University Industry 4.0 and its rapid changes: How should university design and deliver the teaching and learning process?	
14:45	Session 3: Presentations		
	3.07 Chair Mike Riley	3.02 Chair Kevin Thomas	3.08 Chair Aled Williams
15:45	Dave Dowdle University of Salford e-Learning: Quick and Easy Vs Slow and Challenging. An initial examination of learning curve, speed of production and ‘pedagogic effectiveness’ in the development of e-Learning activities using commercially available software tools	Tony Burke University of Westminster Curriculum design for a digital future: bridging the academic- vocational divide in undergraduate construction and surveying courses.	Katy Hicks Arcadis Consultant 4.0
	Sonia Meekel Dublin institute of Technology The importance of “Soft Skills” education and development within construction management programmes.	Ellyn A. Lester Stevens Institute of Technology, Hoboken, NJ, USA Digital Striations: Preventing Disconnects in PhD Research	Professor Nick Morton & Wil Vincent Birmingham City University ‘Nudging’ student behaviours: the use of bespoke app technology to encourage student engagement and communication
15:45	3.06 Break/Refreshments		

DAY 1	Session 4: Workshops	
	3.07 Chair Bassam Bjeirmi	3.08 Chair Nick Morton
16:15	Mark Shelbourn & Lloyd Scott University of Salford & Technological University of Dublin <i>Educating for Digital Futures – exploring the challenges</i>	Ben Farrow, John Tingerthal, Jim Sullivan, David Gunderson, Tom Leatham, Daryll Kysar Associated Schools of Construction <i>Construction Expertise Exchange</i>
17:15	Close of Day 1	
19:30	Drinks reception 7.30 (sponsored by RICS) Dinner at 20.00 (Guest Speaker Jackie Kay MBE, Vice Chancellor of the University of Salford) Pier 8 Restaurant Lowry Theatre and Gallery Salford M50 3 AZ	

Day 2			
09:15	3.06 Refreshments		
09:30	3.10/3.11	Keynote: Dr Janet Young MRICS Government Chief Property Officer and Government Head of Property Profession	
10:00	3.10/3.11	Demonstration/Case Study: George Boyle , Buildsoft (BSS (UK) Ltd), <i>5D BIM and the Student and the Buildsoft University Partnership Programme</i>	
10:45	3.06 Refreshments		
	Session 5: Presentations		
11:00	3.10/3.11 Chair Mike Riley	3.07 Chair Nick Morton	3.08 Chair Aled Williams
	Eamonn Kirk and Sian Dunne Liverpool John Moores University <i>University Staff Perspectives on Student Mental Health and Well-Being.</i>	Nurulaini Mohd Hafir and Tim Lees University of Reading <i>Professional Identity and Attitudes towards Sustainability for more Sustainable Practices</i>	Mohammad Mayouf Birmingham City University <i>Embedding the BIM Process within the Construction Curriculum: A holistic approach using Rich Pictures</i>
	Louis Spring University of Westminster <i>The rank and file in higher education – aligning with a digital future.</i>	Louise Kirsten Sheffield Hallam University <i>"The power of the pen in a technological age".</i>	Adrian Tagg University of Reading <i>Audio Capture.....is anyone listening?</i>

DAY 2	3.10/3.11	Final presentation and Plenary Panel (Chair, Jane Wright, Panel, CHOBE Executive) Professor Mike Riley and Alison Cotgrave Liverpool John Moores University <i>Learner Digital Engagement – 2 years on.....</i> <u>Information Exchange:</u> <ul style="list-style-type: none"> • Special Edition of International Journal of Construction Research and Education (Professor Nick Morton) Process for selecting and notifying articles • iBEE2020 at 56th Annual Associated Schools of Construction International Conference, Liverpool, 15-18 April 2020 (Professor Mike Riley)
11:50		
12:30	3.06 Grab lunch bags and drinks	
12:45	3.10/3.11	Open meeting for ASC Region 8 (working lunch)
13:45	Close of iBEE 2019	

About our speakers

Dr Peter Bonfield:

Peter is Vice Chancellor of the University of Westminster. His previous role was as Chief Executive Officer at BRE Group, where he positioned the company as an international leader in building research, including forging a number of high-profile research and teaching partnerships with global universities, and ensuring that the organisation operates on a sustainable business model independent of government funding.

He has worked across many government departments as a non-executive and expert on a wide range of briefs, including chairing four independent reviews for the Government, on Forests and Woodlands, Public Sector Food Procurement, Property Flood Resilience, and Energy Efficiency and Renewable Technologies. He was appointed as a Non-Executive Director of UK Government in 2015 assigned to the Department of Food, Environment and Rural Affairs, and to the Talent Advisory Group which looks at development, recruitment and retention of Civil Servants across England. Between 2006 and 2012, he was part-time seconded into the Olympic Delivery Authority where he co-created and delivered the Sustainability Strategy and lead on the procurement of construction products. He is a former National Cycling Champion and coach. He is currently Deputy President of the Institution of Engineering and Technology and holds a number of Board positions including the Board of UK Active and the Board of the AIRTO, the Association for Innovation, Research and Technology Organisations.

Professor Richard Laing

Richard is Professor of Built Environment Visualisation at RGU's Scott Sutherland School of Architecture and Built Environment. He has extensive experience of research concerning the application of visualisation techniques in built environment research. This has included studies focussing on design evaluation, public participation, interactive technologies, building conservation and innovative housing.

Jackie Kay MBE

Jackie Kay was born and brought up in Scotland. THE ADOPTION PAPERS (Bloodaxe) won the Forward Prize, a Saltire prize and a Scottish Arts Council Prize. FIERE, her most recent collection of poems was shortlisted for the COSTA award. Her novel TRUMPET won the Guardian Fiction Award and was shortlisted for the IMPAC award. RED DUST ROAD (Picador) won the Scottish Book of the Year Award, and the LONDON BOOK AWARD. It was shortlisted for the JR ACKERLEY prize. She was awarded an MBE in 2006, and made a fellow of the Royal Society of Literature in 2002. Her book of stories WISH I WAS HERE won the Decibel British Book Award. She also writes for children and her book RED CHERRY RED (Bloomsbury) won the CLYPE award. She has written extensively

for stage and television. Her most recent plays MANCHESTER LINES (produced by Manchester Library Theatre) She is currently working on her new novel, BYSTANDER. She is Chancellor of the University of Salford and Professor of Creative Writing at Newcastle University. Jackie Kay was named Scots Makar—the National Poet for Scotland—in March 2016.

Dr Janet Young

Janet is a chartered surveyor with experience in the wider public sector, not-for-profit and higher education sectors. Now based in the Cabinet Office as the Government Chief Property Officer and Head of the Government Property Profession, Janet has been Global Estates Director at the British Council with an estates footprint in over 110 countries and the Estates Director at the Ministry of Justice where she was responsible for prisons, courts and probation buildings in England and Wales. Before that she led the property asset management function at the Foreign & Commonwealth Office where she developed and implemented the first Global Asset Management Plan for their 5,000 properties in over 170 countries.

Janet's PhD was on sustainable housing and focused on the BedZED development in south London. Her current interests include sustainability, PropTech and the future of built environment professions.

George Boyle

George is Director and CFO of Building Software Services Ltd, which was established in 1992 to distribute and support the Buildsoft range of software for the European, UAE and GCC regions. The product range include cutting edge Construction Estimating and BoQ production software as well as 2D/3D Measurement & Earthworks Cut & Fill systems. One of George's main responsibilities is to help promote and inform HEIs about the benefits of adopting a University Partnership Programme for their students, lecturers and the institutions themselves. This is a key pillar of BSS's business model.

iBEE 2019: our sponsors

We are very grateful to the following organisations who have generously sponsored the conference

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