AUGUST 2018, ISSUE 6

GRADUATION 2018!

On Thursday 19 July 2018, SoBE celebrated the successes of its 2018 graduating cohort at The Lowry, Salford, which saw over 250 students graduating. Following the graduation ceremony, students and their family and friends were invited to attend a drinks ceremony at The Imperial War Museum North. A prize giving dinner completed the day’s celebrations, which acknowledged over 40 students for their exceptional achievements throughout the year. Claire Handby (Director, Deloitte UK), who received a honorary degree earlier in the day, was guest speaker at the event, and prizes were awarded courtesy of our generous industry sponsors and professional institution bodies. A separate graduation ceremony was held in Sri Lanka on Monday 30 July to award those students who had studied at our CSCT campus.
North West Regional Construction Awards 2018

The 12th annual North West Regional Construction Awards took place on Friday 6 July 2018 at The Principal Hotel Manchester. Attended by over 420 guests from the region’s construction sector, the evening was a real celebration of the industry. Hosted by BBC Sports Hugh Ferris, the evening saw awards go to key projects and organisations in categories such as Offsite Construction, Integration and Collaborative Working, G4C Future Leader and Contractor of the Year. The awards are run collaboratively with Constructing Excellence and are hosted by the University of Salford. The event was sponsored by Hill Dickinson, Hays Recruitment, Liberty Gas, Place NW, Kier, Interserve, Morgan Sindall, P.P. O’Connor, Krol Corlett and INNside Melia hotel. As ever, the awards supported a charity and this year it was Maggie’s Centre, who picked up the Project of the Year Building Award in 2017. Over £2,200 was raised on the night for this amazing charity. A video of the evening’s highlights can be found here.
INSIGHT

Dr Inji Kenawy participated in INSIGHT (Integrated strategies for inclusive growth, resource-efficiency and urban resilience) UK-China Urban Regeneration and Sustainable Communities Leadership Workshop held from the 27—29 June at Xi’an Jiaotong University in China. The workshop was funded by both the British Council (Newton Fund) and the NSF of China, and coordinated and led by experts from the University of Portsmouth and Xi’an Jiaotong University, with contributions from researchers from other leading institutes. Dr Kenawy delivered a presentation entitled: “The wisdom of Crowd-sourcing in urban regeneration projects”. The presentation allowed exchange of knowledge on applying integrated strategies for inclusive growth, resource-efficiency and urban resilience.

3 Minute Thesis

Congratulations to Nourhan Abdel-Rahman and Usman Bello Nagogo, who represented SoBE in the University finals for the 3MT Competition, as part of SPARC 2018. The overall winner, a student from SBS, will go forward to represent the University at the UK National 3MT Competition.

Centre for Digital Built Britain

Professor Jason Underwood & Dr Mark Shelbourn have been successful in their Centre For Digital Built Britain (CDBB) bid to lead a network that contributes to the work of the CDBB in forming networks of collaborators drawn from research, practitioners and others. The aim of the Pedagogy & Upskilling Network is to explore and address the research questions around how we create and support a digitally enabled, agile, effective and ultimately productive workforce. Further information is available here.
Dockless Bikes

Nick Davies is working with academics from ELS and SHUSU, British Cycling and Transport for Greater Manchester on a study of dockless bicycle share schemes in the region. An online survey of over 200 people aims to understand how the introduction of schemes such as Mobike can influence the travel habits of residents and visitors and potentially get more people active for more journeys. Greater Manchester’s long-term transport strategy, unveiled by Mayor Andy Burnham recently, argues that by switching journeys of 2kms or less to walking or cycling, serious problems such as congestion and air pollution can be addressed.

MSC Metropole

On Friday 22 June 2018, the SURF research group held a workshop at Media City to discuss the potential of the Manchester Ship Canal. This event was part of a HEIF funded project, led by Dr Sara Biscaya and Professor Hisham Elkadi. Following a review of data available for the area, which was mapped for visual presentation, four drivers were identified:

- Connectedness
- Housing
- Health and Wellbeing in the 21st Century
- Jobs for the Future

The event was attended by a wide range of representatives from a number of key organisations within the region, including TfGM, Highways England, Canal and River Trust, Environment Agency, Natural England, Arup, GCMA, and local councillors and academics.
Smart Meter > Smart Homes

The Smart Meter > Smart Homes Lab in Joule House is nearing completion. Developed by Dr. Richard Fitton from ABERG, the lab will test the interaction of smart meter infrastructure with smart energy systems and smart homes technologies. The aim of the laboratory is to support innovation in the smart homes and smart meters’ field. The laboratory has a range of gas and electrical smart meters, gas and electrical heating systems, battery storage, control systems, and smart appliances, all connected with weather and environmental monitoring systems. This has attracted huge interest from both industry and government, with a September 2018 launch expected.

VISUALISE the Mersey Estuary

THINKlab worked with The Mersey Gateway Environmental Trust to create a new VR application. Using digital terrain models, geo mapping layers, drone and satellite data, the final model allowed users to experience the Upper Mersey Estuary, areas that were inaccessible or difficult to reach. Paul Oldfield, Biodiversity Officer at Mersey Gateway said, “Working with TL has been a great experience and we’re looking forward to using the application at stakeholder and community events. The team were very accommodating and helped us make full use of our data which provides us with considerable benefits for communication and innovative thinking.” Read more.

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Have a story to share?

Please email details (100 words) and a photo / image to Charlotte Houghton, c.a.m.houghton1@salford.ac.uk
BIM & DBE Annual Summer School

The MSc. BIM & Digital Built Environments Programme Team held their Annual Summer School at MediaCity UK, 14-16 May, which provides an extracurricular activity to further enhance the development of advanced knowledge of BIM, Lean, and integrated design and project delivery approaches. Over 40 students were in attendance; including our current BIM students from the various modes of studies and from around the world, a number of applicants for September start, students from our other UG and PG programmes with an interest in BIM, Digital Construction, and Lean, and PhD students whose research is focused in these areas. In addition, a number of delegates from industry attended. In addition to presentations from our students of their work, guest lectures were provided by the EU BIM Task Group/Centre for Digital Built Britain, Stantec, John Sisk & Son, PCSG, Institute for Collaborative Working, ISG, and Morgan Sindall. The Summer School concluded with a site visit by Morgan Sindall of the Barbara Hepworth Building at the University of Huddersfield. The guest lectures, employability panel, and site visit included contributions from our Visiting Professor Mark Bew and Alumnus.

Outstanding KTP BIM Project

The KTP project with Links Project FE&E, led by Professor Jason Underwood, Andrew Fleming and Dr Mark Shelbourn, has been awarded the highest grade of 'Outstanding' by the KTP Grading Panel for its achievement in meeting KTP's Objectives. The focus of the 30 month KTP project was 'to implement BIM to enable the expertise needed to operate in a BIM environment from design through to refurbishment'. The project team are now looking to build on the success of the project and further support the business development of Links Project FE&E.
MOBILISE Project

The MOBILISE team led by Prof Terrence Fernandes recently organised a Director Generals Conference to agree on an approach for strengthening multi-agency collaboration for disaster risk reduction in Sri Lanka. The roundtable event included key senior government organisations who discussed a collective approach for implementing the Sendai Framework’s priority one (Understanding Risks) and priority two (Risk Governance). Held at the Mount Lavinia Hotel on 20 and 21 June 2018, the event included presentations and panel sessions. It focused on the nature of a shared disaster risk platform as well as joint approaches for risk modelling, assessment, mitigation, preparation and disaster response. The successful event culminated with collective agreements to the importance of a collaborative approach and supporting the MOBILISE team with developing an advanced digital approach for Sri Lankan disaster risk reduction. The project team is very grateful to everyone who came together and agreed to support the MOBILISE project in the future. Similar activity will take place in Kuala Lumpur in October 2018 to initiate a collaborative approach for disaster risk reduction in Malaysia. Read more here.

RenoZEB Project

RenoZEB partners came together earlier this year to visit a real residential building which will eventually be renovated with the RenoZEB technologies. The event took place in Tartu, Estonia on 11 & 12 April 2018 and was the first time the 19 partners had met since the project was kick-started in October 2017. The two-day meeting included a variety of demonstrations, site visits and observations between key stakeholder groups comprising local government, energy companies and academic institutions. The RenoZEB project targets the nearly Zero Energy Building (nZEB) renovation market by increasing property value through a new systemic approach to retrofitting and includes innovative components, processes and decision-making methodologies. The partners meet again in October 2018 in Bilbao, Spain. Click here to read more about the project.
PGR Successes

Congratulations to the following PGR students on the successful completion of their PhD studies:

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<tr>
<th>Student</th>
<th>Award</th>
<th>Supervisor</th>
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<tr>
<td>Mohanad Abdulkareem</td>
<td>PhD</td>
<td>Hisham Elkadi</td>
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<td>Taha Al-Obaidi</td>
<td>PhD</td>
<td>Anthony Higham</td>
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<td>Oluwatoycin Aturamu</td>
<td>PhD</td>
<td>Gerard Wood</td>
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<td>Anwar El-Hassi</td>
<td>PhD</td>
<td>Hisham Elkadi</td>
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<td>Majid Hashemi Fesharaki</td>
<td>PhD</td>
<td>Yingchun Ji</td>
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<td>Busisiwe Ncube</td>
<td>PhD</td>
<td>Sura Al-Maiyeh</td>
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<td>Uche Ogbonda</td>
<td>PhD</td>
<td>Yingchun Ji</td>
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<tr>
<td>Olalekan Toriola-Coker</td>
<td>PhD</td>
<td>Chaminda Pathirage</td>
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New Starters

We are delighted to welcome the following colleagues to the School:

Academics
- Dr Che Zulhairi Abdullah, Research Fellow, THINKLab
- Paul Blindell, Lecturer in Interior Architecture
- Mariyam Herin, Apprenticeship Link Tutor
- Dr Zafer Ozturk, Research Fellow, THINKLab
- Dr Jamie O’Brien, Research Fellow, THINKLab
- Dr Steven Ruddock, Apprenticeship Link Tutor
- Jim Sloan, Lecturer in Architecture Technology

Professional Support Services
- Simon Hadfield, Facilities Co-ordinator, THINKLab
- Mike Polshaw, VR Software Engineer, THINKLab
- Adam Sinclair, VR Content Creator, THINKLab

PhD Students
- Sara Aghababaei Supervisor: Angela Lee
- Isaac Dziya Supervisor: Bingu Ingirige
- Obinna Ebiega-Oselebe Supervisor: Anthony Higham
- Fiqua Iqbal Supervisor: Angela Lee
- Hisham Tariq Supervisor: Terrence Fernando
- Aisha Tilde Supervisor: Chika Udeaja