

IAMFA UK Spring Conference 2018: Panel Discussion

The Technology Challenge Modernising Estates' Systems

Chair



Ben Melham – Director, Mortice Consulting

Ben has spent his career ensuring that our built and cultural heritage are maintained and preserved through effective operation and development. A long-standing member of IAMFA and previously Head of Estate for the Science Museum Group, Ben is now Director at Mortice Consulting specialising in providing operational and strategic solutions to those operating Estates and FM in the Cultural Sector. As well as currently working with a number of IAMFA member institutions, including The Museum of London, Somerset House Trust, Royal Museums Greenwich and the British Library, Ben is also active in knowledge and best practice sharing initiatives across the sector.

The Panel



Edonis Jesus BA (Hons), MA, Pg. Dip, RIBA ARB - Lendlease, BIM Leader

Edonis is a BIM Leader at Lendlease. She is a highly experienced Architect with BIM and project management experience, with a deep understanding of integrated design approaches to the delivery of buildings with improved financial, environmental and social performance throughout their whole lifecycle. She holds a Bachelor's and a Master degree in Architecture and a Post Graduate Diploma in BIM and Integrated Design. Edonis has been previously involved in a number of projects most notably the HM Government BIM implementation, the Ministry of Justice BIM Implementation and the 2012 Olympics Athlete's Village. She has developed a thorough understanding of BIM strategies, standards and processes, which has led her to being appointed to lead BIM implementation and management on projects such as the Imperial War Museum London, the Royal Academy of Arts and giving support to teams involved with the Houses of Parliament projects.

Edonis founded and chairs BIM4Heritage, which is a special interest group established to champion Building Information Modelling (BIM) within the Historic Environment. She also sits on the UK BIM Alliance, and several other industry BIM committees.



Dr Henrik Schoenefeldt - Senior Lecturer in Sustainable Architecture at the University of Kent and AHRC Leadership Fellow

Henrik is currently seconded to the Houses of Parliament to lead a research project, *Between Heritage and Sustainability – Restoring the Palace of Westminster's nineteenth-century ventilation system*. The project aims to provide critical insights into the historic principles of ventilation and explore how far they could be reutilised and integrated within a modern system. As similar approaches were used for the ventilation of nineteenth-century museums, such as the Natural History Museum in South Kensington, the research has the potential of offering lesson for the reservicing of historic museum buildings in Europe and North America.



Carl Brookes- Director, Engineering Simulation Ramboll UK

Carl has over 30 years' experience in the assessment and analysis of Civil, Building and Industrial structures and leads Ramboll's Engineering Simulation Team based in Southampton. He is expert in performance based design with considerable experience in structural appraisal and testing, assessment of historic structures, dynamic analysis, and is responsible for studies requiring the use of computational fluid dynamics used for environmental



simulation. He is actively involved in research and development projects including the application of BIM to existing assets and in particular those with heritage significance. Earlier work on masonry arch bridges earned his team a Queen's Award for Enterprise and Innovation.



Mike Darby – CEO, Demand Logic

Mike is a Building Services Engineer with over 30 years' experience. He specialised in BMS and control systems early in their existence, and delivered significant BMS projects for banks, universities and data centres. He was Technical Director of Pillinger Controls for 10 years. Frustrated by the lack of tools to analyse the huge volumes of data generated, and largely lost, by BMS he co-founded Demand Logic, a platform which acquires and analyses big data sets delivering key insights to users at all levels. He passionately believes that property management is about to undergo a major transformation to data-driven processes.



Paul Heffernan - Group CISO for Unipart Group of Companies

With nine years' experience in the cyber security world, including consulting to some of the world's biggest brands, he engages with the business at board level to enable trusted secure commerce. With an 'ethical hacker' background, he is able to address complex security challenges but is equally passionate about driving effective change through unambiguous leadership and communication. Paul is a regular international speaker at various industry conferences such as the Secure Supply Chain Frankfurt, CSO Amsterdam 2017 and CISO360 Barcelona. When he isn't keeping Unipart safe, you can find him tinkering with code and figuring out how to inspire the next generation of cyber security professionals. Paul is proud to have been recognised by the Cyber Security Awards as 'Highly Commended' CISO of the Year 2017. You can reach him on LinkedIn or on Twitter at @pjh_22.