

# The CAB'S ABC 2017

Focusing on two critical issues for our sector, digitalisation and offsite manufacture and the circular economy, the line-up of speakers at the 2017 CAB Aluminium in Building Conference on Wednesday 4th October 2017 includes representatives from three main contractors, a leading architecture practice and a renowned technical university, as well as representatives of key trade associations and a building product and construction consultancy. Below, we focus on the morning session and our five presentations related to digitalisation and offsite manufacture.

## Future Facades [Re]Manufacture

Who should attend: system designers, operations managers, construction managers, technical managers, BIM coordinators, quality assurance managers, environmental managers, human resource managers from across the aluminium in building supply chain.

Why you should attend: hear about the latest developments in digitalisation and offsite manufacturing and the circular economy, as relevant to the aluminium in building supply chain; ample opportunities to interact with the speakers, all leading industry practitioners and experts; networking with industry peers.

Date: Wednesday 4 October 2017  
 Venue: The Slate, University of Warwick Science Park, Coventry, CV4 7SH.  
 Cost: Members £135 + VAT  
 Non-members £270 + VAT\*

\*20% discount for Non-member readers of The Fabricator magazine – Quote Ref: 'CABConf17'

Our opening keynote address picks up from the recent Farmer Review, subtitled *Modernise or Die*, and will look at how CAB members can instead 'Modernise and Thrive'. Chris Ashworth from Competitive Advantage will draw on his latest research into the UK offsite manufacturing market and the role of new technology and innovation in construction to identify the opportunities for our sector, related to digitalisation and offsite construction.

Ken Davie, head of offsite and modern methods of construction research at Carillion, will explore *Design for Manufacture and Assembly and Offsite Manufacture*. Based on his industry experience, Davis will highlight some of the do's and don'ts related to the design of future-proof facade systems with respect to offsite manufacture.

Elizabeth Kavanagh, head of HR and head of research & innovation at Stride Treglown, will discuss *The Human Challenges of Digital Built Britain*. Kavanagh is the founder of Behaviours4Collaboration and she has long championed that for building information modelling and the digital built Britain strategy to work, there needs to be a distinct shift in behaviours across the sector. During her interactive presentation, Kavanagh will explore what a focus on relationships and working collaboratively means



**CAB technical director, Dr Justin Furness opens the CAB Aluminium in Building Conference, May 2016 attended by over 110 members**



**Ant Wilson, AECOM at CAB Aluminium in Building Conference 2016 speaking on UK Energy Regulations. in practice.**

Following this discussion of human behaviour, we look at technical aspects of digitalisation with Mark Taylor, digital construction manager at BAM Construction. Taylor will provide his perspective on the increasing need for product data in the digital world and how product data templates could be used to meet that need.

The morning session closes with a panel discussion led by Chris Ashworth. The discussion will draw together the major themes explored by the speakers in the morning session and in particular identify the opportunities and threats for the UK aluminium in building supply chain, as presented by digitalisation and offsite manufacturing. This is your chance to have your say on these topics. □

**Justin Furness**

How to Book: Details of the full speaker line up, programme and booking details can be found at:  
<http://www.c-a-b.org.uk/news-events/cab-events-programme-2017/aluminium-in-building-conference-2017/>

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