

# Structural Engineering Education

9 May 2018

Nick von Behr, Education Manager

# Annual Academics' Conference 2018

- 12 September at the Institution's HQ in London
- This year's theme is 'Teaching about Creativity and Conceptual Design in Built Environment Education.' It builds on a JBM-led session on creativity held at last year's conference.
- Registration opens early June – look out for reminders

# Annual Academics' Conference 2018

- Are we teaching professional entrants the creativity and conceptual design skills they will need in the future?
- How do we best assess the learning outcomes associated with knowledge and practice of creativity and conceptual design skills?
- What core skills and content do we NOT need to teach built environment undergraduates?

# Annual Academics' Conference 2018

- Keynote speech from Chris Wise, Expedition Engineering
- Other participants include:
  - Ian Firth, Past President IStructE
  - Mike Cook, Buro Happold
  - Josef Hargrave, Arup
  - Nick Russell and Professor Tim Ibell, JBM Chair and Vice Chair
  - Dr Rhys Morgan, RAEng Director of Education
  - Oli Broadbent, ThinkUp & RAEng Visiting Professor at Imperial College

# Other HE-related activities

- Engagement with university BE departments through JBM accreditation review panels and region-led visits.
- Promotion of the Structural Behaviour Course and new examination to students.
- Roll out of the Essential Knowledge series of texts about structural engineering core content.
- Contribution to HE policy influence via E4E and the CBE Education Committee.

# Other educational activities

- Piloting an [online 4-week conceptual design course](#) for structural engineers anywhere in world.
- Incentives to promote innovative thinking and team-working amongst younger generations e.g. Pai Lin Li Award, Young Structural Engineers Design Competition, Next Gen Design.
- New careers videos of young structural engineers in action.  
<https://youtu.be/V7fE1uTPqVM>