



ALKALI-ACTIVATED CEMENTS AND CONCRETES: Where are we, and Where do we go next?

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SPEAKER'S BIOGRAPHY

John L. Provis completed Bachelor's degrees in Applied Mathematics and Chemical Engineering at the University of Melbourne (Australia), in 2002, and a PhD from the same university in 2006. He joined the University of Sheffield (UK) in 2012 as Professor of Cement Materials Science and Engineering, and since 2016 is also Head of the Sheffield Engineering Graduate School. He was awarded the 2013 RILEM Robert L'Hermite Medal, and in 2015 was presented with an honorary doctorate by Hasselt University, Belgium. He is Chair of RILEM Technical Committee 247-DTA and a member of the RILEM Technical Activities Committee, a Fellow of the Institute of Materials, Minerals and Mining (IoM3) and of the Institute of Concrete Technology (ICT), a Voting Member of committees of ASTM, BSI and ACI, and Associate Editor of the journals '*Cement and Concrete Research*' and '*Materials and Structures*'.

Date:	10 August, 2018 (Friday)
Time:	10:00 am- 11:30 am
Venue:	Z505, Block Z

ABSTRACT

There has recently been much attention paid to alkali-activated cements, including those materials described as 'Geopolymers', as a possible alternative to Portland cement in bulk construction applications. These materials undoubtedly hold significant potential for use as part of a future toolkit of sustainable cements to enable the world to meet its needs for infrastructure, housing and societal development. This seminar will briefly discuss some of the issues which continue to arise around the design, scale-up and use of alkali-activated cements and concretes (collectively 'alkali-activated materials'), and highlight some areas in which gains may potentially be made through the application of these materials.

***** All Interested Are Welcome *****

Free Admission. For further information, please contact *Prof. J.G. Dai* at Tel. 2766-6026. Please reserve your seat with *Mr Y.S. Wang* by email: yanshuai.wang@connect.polyu.hk. Certificates of attendance will be provided to participants if they attend the whole lecture.