Concrete
Innovation and its Practical Application

43rd Annual ICT Convention Symposium
26th March 2015

An opportunity to hear how developments are being applied in the fields of aggregates, cements, admixtures, fibres, polymers and sprayed concrete (as used for Crossrail)

includes:

9th Sir Frederick Lea Memorial Lecture

Chris Stanley
‘Concrete Yesterday, Today and Tomorrow: a visual journey’

Imago Conference Centre
Loughborough University
LE11 3GR

Principal Sponsor:

http://ict.concrete.org.uk
Concrete is a highly adaptable material and capable of variation and development. It is only limited by our knowledge, imagination and willingness to accept practical change.

There is no obvious and available substitute and making the best use of the materials performance capability is in our own self-interest.

Both materials and applicational aspects will be presented by those involved in these emerging changes. There will be opportunity to question and discuss current developments. The symposium will appeal and be relevant to both those that are interested in concrete’s versatility as well as those that make a livelihood from it.

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<th>REGISTRATION, COFFEE and AGM</th>
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<td>TECHNICAL SYMPOSIUM</td>
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**Chairman’s- Introduction**
Professor Peter Hewlett

**The world’s first commercially available carbon negative aggregates and its uses**
Dr Paula Carey
Managing Director, Carbon8 System, UK

**Developments in PCE Superplasticisers and their applications**
Jeurg Schlumpf
Head of Global Technology, Sika, and
Andrew Bourne, Senior Area Sales Manager (Concrete), Sika UK

**Waste Not Want Not: Using waste to create a new material - Woodcrete**
Martyn Fear
Director, Specialist Precast Products, UK

**Dispersible reinforcement – the effect of fibre geometry on anchorage performance and integrity**
Dr Wayne Thomas
Managing Director, Co-tropic Ltd, UK

**Sir Frederick Lea Memorial Lecture**
Concrete Yesterday, Today and Tomorrow: A visual journey
Chris Stanley
Technical Director, Unibeton Ready Mix, United Arab Emirates

**Use of Calcium Aluminate Cements in biogenic environments**
Dr Francois Saucier
Senior Business Manager, Kerneos, France

**Superabsorbent polymers**
Dr Ye Guang
Associate Professor, Delft University of Technology, Netherlands

**Sprayed Concrete Applications on Crossrail**
Richard Foord,
Project Manager Tunnelling, BASF, UK

**Chairman’s Summary and Close**