

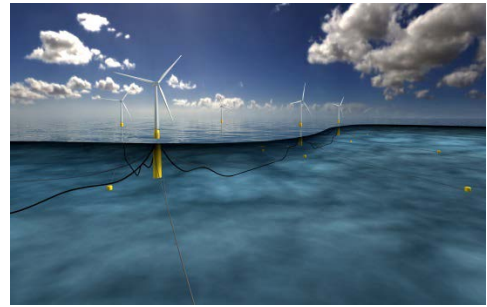


The Institute of Concrete Technology

46th Annual Convention Symposium

Special Projects

Concrete – the material of choice



22nd March 2018

University of Derby Enterprise Centre, Derby, DE1 3LD

Sir Frederick Lea Memorial Lecture

Professor Karen Scrivener, *HonFICT*
(EPFL, Switzerland)

Principal Sponsor: LKAB Minerals



Lecture sponsor: ICE Publishing



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PROVISIONAL PROGRAMME

Concrete is a global material having a well-established record of use. It might therefore be assumed every type of construction application has been covered at both a pragmatic and fundamental level. However, applications are always stretching the boundaries, resulting in materials changes and new techniques for making, placing and finishing concrete. Performance demands continue to grow affecting strength, appearance, durability, sustainability and costs. This trend is exemplified by show case projects that act as a source of new ideas and opportunities for design and function.

This programme will cover a variety of offshore and onshore constructions together with novel materials and the reasoning behind their successful application. It provides an opportunity to meet those involved with these state-of-the-art projects.

This Symposium will be held during the 46th ICT Annual Convention and includes the 10th Sir Frederick Lea Memorial lecture, presented by Professor Karen Scrivener of the EPFL in Switzerland.

This is an opportunity to pursue concrete's versatility by way of exemplar projects that reflect opportunity and set the benchmark for exploitation.

Registration and coffee	
ANNUAL GENERAL MEETING	
TECHNICAL SYMPOSIUM <i>At the Enterprise Centre</i>	
Chairman's Introduction	Professor Peter Hewlett David Ball Group/University of Dundee
Concreting at Hinkley Point	Peter Abel, BYLOR and Simon Chudley, Hanson Cement
Magnadense in civil engineering applications	Richard Hunt and Mark Moriarty LKAB Minerals, UK
Cement hydration: the key to optimising environmental performance	Karen Scrivener, Professor of Construction Materials, EPFL, Switzerland
Unnoticed art: the beauty of functional concrete. London Bridge Station	Martyn Back, Chief Engineer Costain
Concrete offshore wind towers, self-floating and telescopic	Javier Neito, Offshore Division Manager, Estevco, Spain
Use of high GGBS content in a lock construction in the Netherlands: theory and practice	Marc Ottellé, Senior Consultant Material Science, Heijmans, The Netherlands
CONVENTION DINNER <i>At the Hallmark Hotel</i>	

CPD-approved by The Institute of Concrete Technology