

Evolving Concrete 2019 – the programme develops...

THE CONCRETE SOCIETY announces its programme of thought-provoking, inspiring and educational presentations for the fourth **Evolving Concrete**, taking place on **20 June 2019** at the Royal Berkshire Conference Centre in Reading, Berkshire.

This year's theme, *Fusing architecture, engineering and sculpture*, is inspired by a Santiago Calatrava quote, "I have tried to get close to the frontier between architecture and sculpture and to understand architecture as an art", with the caveat that "only engineering makes this ideal possible".

The one-day **Evolving Concrete** conference presents a series of industry experts giving talks on a range of diverse and important topics.

We are delighted that Jeremy Greenwood, managing director – national commercial & construction solutions at Tarmac, will give the keynote address: '**Aesthetic and technically brilliant concrete – real engineering solutions**'.

With over 30 years' experience in the industry, Jeremy started in quarry management and then commercial ready-mixed concrete management. In 1998, he moved to Lafarge in Paris working on global strategy and performance before returning to the UK as managing director of its ready-mixed concrete operation and then his current role with Tarmac.

The opening address is followed by further informative and educational presentations:

Breathing new life into existing buildings and expressing the concrete frame

Stephen Fernandez – associate director, ARUP

Chemistry in 3D printed mortar/concrete for construction industry

Dr Sandro Moro – construction materials innovation manager, BASF Construction Chemicals

Soft logics – flexible formwork

Professor Remo Pedreschi – Professor of Architectural Technology, University of Edinburgh

In-transit concrete management – Verifi

Damian Thomas – commercial manager, GCP Applied Technologies

Innovative use of reinforcing bar couplers and rebar continuity systems on the Lakhta Center tower, St Petersburg, Russia

Hervé Poveda – divisional manager, products for structural concrete, Ancon Building Products

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Factory in the Sky for Principal Tower, London

Dr Sam Wong – director of engineering and development, Carey Group

Jon Croxford – head of delivery, Carey Civil Engineering

Bespoke formwork for exposed concrete

Dan Ward – project design team manager, Cordek

(The programme is provisional and may be subject to change.)

Evolving Concrete will once again welcome more than 120 delegates to the Royal Berkshire Conference Centre. The day offers a chance to network with like-minded professionals and discuss new products and techniques with some 20 exhibitors, while enjoying the excellent catering during session breaks and lunch.

An evening dinner for delegates will round-off the day and our after-dinner speaker this year will be architectural designer, writer and TV presenter **Charlie Luxton**. Passionate about sustainable architecture, Charlie presents several TV shows and is founder of Charlie Luxton Design.

Evolving Concrete – this high-level seminar day with exhibition and optional evening dinner – is open to both Society members and non-members, and will be of particular interest to architects, consultant engineers and contractors.

The Royal Berkshire Conference Centre, near Junction 11 of the M4, Reading has excellent travel links, free parking and, as well as a 200-bedroom hotel on-site; there is also a range of hotels within a short radius.

Visit: www.evolving-concrete.org, Tel: 01276 607140 or e-mail: evolving@concrete.org.uk

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About The Concrete Society

Based in Camberley, Surrey, The Concrete Society was founded in 1966 and is a not-for-profit independent membership organisation dedicated to supporting the use of concrete – the most widely used building material in the world.

The Society offers a comprehensive portfolio of products and services to the industry including the highly regarded Advisory Service, which offers prompt and impartial support either on-site or by telephone and e-mail.

It is also held in high regard for its magazines and technical reports, providing an invaluable information resource. It has the world's largest collection of cement- and concrete-related publications now numbering in excess of 164,000 references.

Additionally, The Society provides increased opportunities for professional development in concrete. It also runs regular day courses on varying subjects for the industry and bespoke training for members. Membership involvement is key to the enduring success of The Society with a strong UK Regional Network providing both social and technical support activities.

Visit: www.concrete.org.uk

EVOLVING CONCRETE – BACKGROUND INFORMATION SHEET

Evolving either brings to mind connotations of Darwin's early man learning to use tools to improve his well-being or modern advances in specialist engineering products to keep one step ahead of competitors. Both are facets of the same process and come forth gradually into being, develop and undergo constant evolution.

Since its inception, whether considered to be from the time of Roman aqueducts or the inclusion of reinforcement at the end of the 1800s, concrete as a material, its component parts and its role in construction, has inexorably been evolving.

In the modern world, materials have to adapt to meet expectations. Environmental aspects are a major influence, as are aesthetics and pure engineering endeavour to achieve durable structures. Concrete in all its forms needs to adapt to satisfy the demands society makes.

Under the theme of 'Fusing architecture, engineering and sculpture', the Evolving Concrete 2019 seminar and exhibition presents industry experts speaking on a selection of diverse topics. Inspired by a Santiago Calatrava quote, "I have tried to get close to the frontier between architecture and sculpture and to understand architecture as an art" (with the caveat that "only engineering makes this ideal possible"), evolving techniques such as flexible fabric formwork and 3D printing to create geometric curves as opposed to using ridged timber moulds are presented. Innovative construction processes, breathing new life into older structures, improving concrete production and delivery control, and engineering the architect's view of the award winner Mersey Gateway Bridge will complete the programme.

Organised by The Concrete Society this event takes place in Royal Berkshire Conference Centre, Reading, this June.

The seminar presentations will touch upon a number of key areas – it would be impossible to cover every perspective in one day – all these encompass aspects related to good architecture, quality concrete and innovative construction.

The event provides time to network and visit 19 exhibitors while enjoying the excellent catering during session breaks and lunch. An evening dinner for delegates will round-off the day with special guest dinner speaker Charlie Luxton.

For more information or questions about the evolving role of concrete in construction please contact:

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