

# GRC2020

## London

### Preliminary Programme



#### Research and Development

Innovative High Performance Binder Technology for GRC  
Maturity Index Use on Strength Gain for GRC Products  
Development of Glass Fibre Reinforced Composites Using White Ordinary Portland  
5-year Aged Properties of GRC made with and without Forton  
Load bearing GRC  
Experimental Study on Ultra-High Performance GRC  
Use of 3D Printing and Robotics in GRC  
Research and Development on Production Equipment and Technology of Irregular GRC Moulds Based on 3D Printing  
A Practical Study of Cast-in Fixings in Sprayed and Premix GRC  
The Effect of Different Types of Cement on GFRG Mixtures  
From Long Term Deformation Monitoring of GRC Panels to Seismic Retrofit of Substandard Reinforced Concrete Columns  
UHPC Application and Research for Architectural Decoration  
Update re European Standards, CE Marking, EN1170 and EN1169 etc. - The GRCA's View  
Introduction of GRC Standards in China  
Greece's Challenge of Introducing GRC in the Market  
The Effects of Different Formwork Surfaces to Colour Variation and Mechanical Properties of GRC  
The Use of Steel Moulds in GRC

#### Applications and Projects

GRC Applications for Prefabricated Buildings  
Project for Facade at Hotel Taj GVK at Mumbai Domestic Airport  
3D-Printed Formworks for Glass-Fibre Reinforced Shotcrete  
Benefits From the Use of Fiberglass Concrete  
Indoor Photocatalytic and Air Purifying Coating; New Possibilities for GRC  
Prestigious GRC Projects in India  
The Challenge of a Growing GRC Market  
GRC Exterior Wall Decoration in Guangxi Grand Metro Hotel  
Supply and Installation of GRC Cladding Panels using Stud Frame Technology  
GRC Products Used on Buddhist Monasteries  
The Igneous Building System  
Rose Building Project  
CrossRail - A Jigsaw Puzzle  
Arter Istanbul, Sculpted GRC Façade with Pearlescent Ceramic Inlay Tile  
GRC Application for Zaha Hadid Non-Linear Architecture Construction  
GRC Permanent Formwork in Architecture - 1000 Museum Project  
Colourful GRC

#### Plus Keynote Addresses from:

Professor Mario Carpo - The Bartlett School of Architecture  
Elaine Toogood - The Concrete Centre  
Paul Nichols - Precision Partner