

# *fib* Commissions and UK Participants Aug 2019

Below is a comprehensive list detailing UK participants within the ten current *fib* Commissions. Within each Commission, there are a number of different Task Groups; under which are Working Parties. This list identifies UK participants, their affiliation and position within each subset (Commission, Task Group or Working Party).

Note: *fib* members are highlighted in **bold**

## ◆ Commission 1 - Concrete Structures

Members: **Gordon M. Clark** - Ramboll; **Andrew Truby** - Truby Stevenson Ltd.

- Task Group 1.1: Bridges  
Members: Peter Curran - Ramboll
  - Working Party 1.1.1: Bridges for high-speed trains  
Members: -
  - Working Party 1.1.2: Corrugated steel web bridges  
Members: -
  - Working Party 1.1.3: Internal bridges  
Members: - **Jessica sandberg** - Atkins
- Task Group 1.2: Concrete structures in marine environments  
Members: -
  - Working Party 1.2.1: Floating concrete structures  
Members: Gordon Jackson - Arup
  - Working Party 1.2.2: Submerged floating tunnels (SFT)  
Members: -
- Task Group 1.3: Buildings  
Members: **Andrew Truby** - Truby Stevenson Ltd.; **Suren Surendran** – Praeter Engineering
- Task Group 1.4: Tunnels  
Members: -
  - Working Party 1.4.1: Tunnels in fibre-reinforced concrete  
Members: -
- Task Group 1.5: Structural Sustainability  
Members: **Gordon M. Clark** - Ramboll UK
- Task Group 1.6: History of concrete structures  
Members: -
- Task Group 1.7: Construction of concrete structures  
Members: **Gopal Srinivasan** - Arup

## ◆ Commission 2 - Analysis and Design

Members: **Robert Vollum**

- Task Group 2.1: Serviceability models  
Members: Diane Gardner - Cardiff University; Robert Lark - Cardiff University
  - Working Party 2.1.1: Long-term behaviour of prestressed concrete bridges  
Members: Robert Lark - Cardiff University
  - Working Party 2.1.2: Restrained and imposed deformations  
Members: -

- Task Group 2.2: Ultimate limit state models  
Members: **Steve Denton** – WSP|Parsons Brinckerhoff Ltd; **Robert L. Vollum** - Imperial College London
  - Working Party 2.2.1: Shear in beams  
Members: **Juan Sagaseta** - University of Surrey  
Corresponding Members: **Robert L. Vollum** - Imperial College London
  - Working Party 2.2.2: Shear in members with steel fibres  
Members: -
  - Working Party 2.2.3: Punching and shear slabs  
Members: **Juan Sagaseta** - University of Surrey; **Robert L. Vollum** - Imperial College London
  - Working Party 2.2.4: Strut and tie modelling  
Members: -
- Task Group 2.3: Fire design of concrete structures  
Members: Gabriel Houry - Imperial College London; Tom Lennon - BRE; **Stuart Matthews** - BRE
  - Working Party 2.3.1: Spalling Design  
Members: Tom Lennon - BRE
  - Working Party 2.3.2: Performance-based fire design  
Members: Tom Lennon - BRE
  - Working Party 2.3.3: Fire resistance of concrete tunnels  
Members: Gerard Canisius - Scott Wilson
- Task Group 2.4: Computer-based modelling and design  
Members: -
  - Working Party 2.4.1: Nonlinear dynamic analysis for seismic evaluation of RC frames  
Members: -
- Task Group 2.5: Bond and material models  
Members: **Charles Goodchild** – MPA The Concrete Centre; John Cairns - Heriot-Watt University; Sarah Williamson
  - Working Party 2.5.1: Bond of plain reinforcement  
Members: John Cairns - Heriot-Watt University
  - Working Party 2.5.2: Standard method of test for bond  
Members: -
- Task Group 2.6: Composite steel-concrete construction  
Members: -
- Task Group 2.7: Design for extreme events  
Members: -
- Task Group 2.8: Safety and performance concepts  
Members: -
- Task Group 2.9: Fastenings to structural concrete and masonry  
Members: -
  - Working Party 2.9.1: Review of current fib model with a view to Model Code 2010 and model for anchor reinforcement  
Members: -
  - Working Party 2.9.2: Open topics in the current design guide  
Members: -

- Working Party 2.9.3: Shear lugs  
Members: -
- Working Party 2.9.4: Fatigue Loading  
Members: -
- Working Party 2.9.5: Bonded anchors under sustained load  
Members: -
- Working Party 2.9.6: Post-installed reinforcement - Harmonization of rules for reinforced concrete and anchorages with bonded anchors and post-installed reinforcement  
Members: -
- Working Party 2.9.7: Splitting of bonded anchors  
Members: -
- Working Party 2.9.8: Required stiffness of baseplates  
Members: -
- Working Party 2.9.9: Fire Resistance of anchors and post-installed reinforcement  
Members: -

#### ◆ Commission 3 - Existing concrete structures

Convener: **Stuart Matthews** - BRE

Members: **Chris Hendy** - Atkins

Corresponding Members: **Alan Fairhurst** - Sellafield Ltd; Kunal Kansara – XEIAD Ltd

- Task Group 3.1: Reliability and safety evaluation  
Members: TBD
- Task Group 3.2: Modeling of structural performance of existing structures  
Members: TBD
- Task Group 3.3: Assessment/evaluation procedures for existing structures  
Members: TBD
- Task Group 3.4: Selection and implementation of interventions  
Members: TBD

#### ◆ Commission 4 - Concrete and concrete technology

Members: -

- Task Group 4.1: Fibre-reinforced concrete  
Members:
- Task Group 4.2: Ultra high performance fibre reinforced concrete  
Members: -
- Task Group 4.3: Structural design with flowable concrete  
Corresponding Member: **John Cairns** - Heriot-Watt University
- Task Group 4.4: Aesthetics of concrete surfaces  
Members: -
- Task Group 4.5: Performance-based specifications for concrete  
Members: -
- Task Group 4.6: Constitutive laws for concretes with supplementary cementitious materials  
Members: -

## ◆ Commission 5 - Reinforcements

Members: **Gordon M. Clark** - Ramboll

- Task Group 5.1: FRP Reinforcement for concrete structures  
Members: **Dionysios Bournas** – EU JRC Ispra; Szymon Chołostiakow - University of Sheffield; Matteo Di Benedetti - University of Sheffield; Ted Donchev - Kingston University; Reyes Garcia Lopez - University of Sheffield; Vesna Raicic - University of Bath; Andreea Serbescu - Amey Consulting/University of Sheffield  
Corresponding Members: Chris Burgoyne - University of Cambridge; J.F. Chen - Edinburgh University; **Steve Denton** – WSP|Parsons Brinckerhoff; **T.J. Ibell** - University of Bath; **Stuart Matthews** - BRE; **Kypros Pilakoutas** - University of Sheffield; Jonathan Shave – WSP|Parsons Brinckerhoff
- Task Group 5.2: Reinforcing steels and systems  
Convener: **Andrew Truby** – Truby Stevenson Ltd  
Deputy Convenor: **Ladin Camci** - CARES  
Members: -
- Task Group 5.3: Manual for prestressing materials and systems  
Members: -
- Task Group 5.4: Recommendations for ground anchor systems  
Members: -  
Corresponding Members: Tony Barley - SBMA Ltd; Stephen Cartney - H.M. Nuclear Installations Insp.; Devon Mothersille - Geoserve Global Ltd.
- Task Group 5.5: Cables for cable-supported bridges  
Members: -
- Task Group 5.6: Behaviour under cryogenic conditions  
Members: -
- Task Group 5.7: Dismantlement and re-use of reinforced and prestressed structures  
Members: -
- Task Group 5.8: External tendons for bridges  
Members: -
- Task Group 5.9: Plastic ducts  
Members: -

## ◆ Commission 6 - Prefabrication

Members: -

Corresponding Members:

- Task Group 6.1: Prestressed hollow core floors  
Members:
- Task Group 6.2: Quality control for precast concrete  
Members: -
- Task Group 6.3: Sustainability of structures with precast elements  
Members: -
- Task Group 6.4: Precast concrete towers for wind energy production  
Members: Paulo Batista - RES Group Engineering; Alan Tricklebank (Consultant)
- Task Group 6.5: Precast concrete bridges  
Members: -

- Task Group 6.6: Retrofitting and repair of precast structures in seismic areas  
Members: Andreas Lampropoulos - University of Brighton
- Task Group 6.7: Precast concrete in tall buildings  
Members: Ingemar Löfgren - Arup Materials Consulting; Neil Pitt
- Task Group 6.8: Terminology in prefabrication  
Members: -
- Task Group 6.10: Precast concrete buildings in seismic areas - practical aspects  
Members: -
- Task Group 6.11: Precast insulated sandwich panels  
Members: -
- Task Group 6.12: Planning and design handbook on precast building structures  
Members: -

#### ◆ Commission 7 - Sustainability

Members: -

- Task Group 7.1: Sustainable concrete - General framework  
Members: Ingemar Löfgren - Arup Materials Consulting
- Task Group 7.2: Application of environmental design to concrete structures  
Members: -
- Task Group 7.3: Concrete made with recycled materials - life cycle perspective  
Members: David Dunne - AECOM
- Task Group 7.4: Sustainable civil structures  
Members: -
- Task Group 7.5: Environmental product declarations (EPD) and equivalent performance for concrete  
Members: **Lee Brankley** – CARES; **Ladin Camci** - CARES

#### ◆ Commission 8 - Durability

Members: David Cleland - Queen's University Belfast; **Stuart Matthews** - BRE; David Smith - Atkins  
Corresponding Members: Luis Neves - Nottingham University

- Task Group 8.1: Model technical specification for repairs and interventions  
Members: David Smith - Atkins
- Task Group 8.2: Birth and re-birth certificates and through-life management aspects  
Members:
- Task Group 8.3: Operational document to support Service Life Design  
Members: **Stuart Matthews** - BRE
- Task Group 8.4: Life cycle cost (LCC) - Design life and/or replacement cycle  
Members: Luis Neves - Nottingham University
- Task Group 8.5: Durability of post-tensioning systems  
Members: Jan Laco - Atkins
- Task Group 8.6: Calibration of code deemed to satisfy provisions for durability  
Members: -

◆ Commission 9 - Dissemination of knowledge

Members: **Gordon M. Clark** - Ramboll; **Maurizio Guadagnini** - University of Sheffield; **Stuart Matthews** – BRE;  
**Graham Webb** - WSP

◆ Commission 10 – Model Codes

Members: **Gordon M. Clark** - Ramboll;

- Task Group 10.1 - MC2020  
Chair: Stuart Matthews - BRE