**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 Khoury** - 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 Cholostiakow - 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 Convener: 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