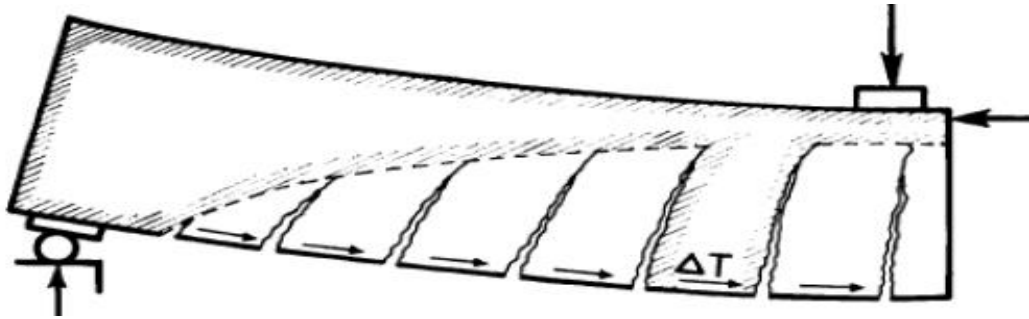


# STRUCTURAL FAULTS + REPAIR-2020



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## European Bridge Conference-2020

18th International Conferences & Exhibition  
16<sup>th</sup> – 18<sup>th</sup> June 2020  
Radisson Blu Hotel, High Street  
Edinburgh, Scotland



***Call-for-Papers***

Abstract deadline = 13<sup>th</sup> December 2019  
[www.structuralfaultsandrepair.com](http://www.structuralfaultsandrepair.com)



# Call-for-Papers

## Call for Special Sessions & Mini Symposia

Guest Editor Opportunities: *Construction & Building Materials* (IF = 4.046)

### Theme 1: EXTENDING THE LIFE OF BRIDGES & INVESTIGATION & REPAIR

- New Bridge Construction
- Bridge Management & Whole Life Costing
- Remaining Life Prediction of Bridges
- Long-span Suspension & Cable-Stayed Bridges
- Concrete Bridge Investigation & Repair
- Post-Tensioned Concrete Bridges
- Masonry Arch Bridges
- Steel, Iron, Aluminium & Timber Bridges
- Monitoring & Investigation of Bridges: NDT: AE, Radar, Sonics & Ultrasonics
- Bridge Scour
- Composites in Bridge Repair; Corrosion & Cathodic Protection

### Theme 2: EXTENDING THE LIFE OF CONCRETE + CFRP & GFRP

- Concrete Investigation & Repair
- Corrosion, Cathodic Protection & Realkalisation
- Concrete Repair
- Restoring Concrete Durability; Repair Materials & Techniques
- Composites: FRP, CFRP, GFRP in Repair
- Column & Beam Repair
- NDT & AE of concrete and composites + Early Age Testing of Concrete;
- Forensic Investigation of Concrete & FRP

### Theme 3: EXTENDING THE LIFE OF BUILDINGS & CIVIL STRUCTURES

- Building & Housing Assessment & Repair; Repair in Seismic Zones
- Masonry Structure & Bell Tower Investigation
- Brick Masonry Repair & Stone Masonry Repair
- Masonry & Cast Iron Strengthening with FRP
- Timber Preservation & Repair
- Car Parks; Civil Structures & Repair
- Marine Structures & Jetties: Management & Repair
- Dams & Power Stations, Tunnels, Pipes & Foundations Repair; Highway Pavements
- NDT Methods for Forensic Investigation of Buildings, Masonry & Civil Structures

### Theme 4: USING RE-CYCLED MATERIALS

- Use of Recycled Construction Materials; Use of Waste Materials in Repair & Maintenance
- Sustainability & Cost Effectiveness of Re-Use of Waste Materials

### Open Discussion Forums

There will be an Open Discussion Forum + “Nugget Presentations” at which all Delegates may contribute

Conference Chair: Professor Mike Forde, PhD, FEng, FRSE, Hon.FACI, CEng

*On-line submission 200-word Abstract: deadline: 13<sup>th</sup> December 2019*  
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