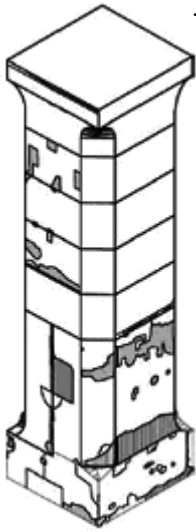


STRUCTURAL FAULTS + REPAIR—2012

14th International Conference and Exhibition

3rd – 5th July 2012

Surgeons' Hall
Nicolson Street
Edinburgh, Scotland, UK



Call-for-Papers

Call for Special Sessions & Mini Symposia

Deadline: 7th December 2011

editor@structuralfaultsandrepair.com

Updated themes:

Extending the Life of Bridges

Extending the Life of Concrete, Use of Composites

Protection of Cultural Heritage - Extending the Life of Buildings & Masonry

Extending the Life of Timber Structures

NDT & Diagnostic Techniques

Repair

New themes:

Early Age Testing of Concrete

Use of Recycled Construction Materials

Use of Waste Materials in Repair & Maintenance

Reducing Carbon Footprint in Repair and Maintenance

Exhibition Bookings at Structural Faults & Repair 2010



Allied Associates Geophysical
Amphora Non-destructive Testing Limited
BASF Construction Chemicals
Bridge Design & Engineering
Cintec International Ltd
Concrete Repairs Ltd
Concrete Society
Elsevier Ltd
EuroGPR
Fibrwrap Construction UK
Geomatrix Earth Science Ltd

Geophysical Survey Systems Inc
Goldhawk Restorations Ltd
Holequest Limited
Mala GeoScience AB
Olympus
Physical Acoustics Ltd
Pure Technologies Ltd
Strainstall UK Ltd
TRL Limited
University of Edinburgh
Utsi Electronics Ltd



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Call-for-Papers

Call for Special Sessions & Mini Symposia

Guest Editor Opportunities: Construction & Building Materials (IF = 1.366)

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

- 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: RE-USING WASTE MATERIALS & REDUCING CARBON FOOTPRINT

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

Open Discussion Forums

At the end of each day there will be an Open Discussion Forum at which all Delegates may contribute.

Email 200-word Abstract by 7th December 2011 to: editor@structuralfaultsandrepair.com

Exhibition



A major feature of the 14th International Conference will be the State-of-the-Art Exhibition which will be open to visitors.

3-Day Exhibition Fee = £1,250 + VAT
for 3m x 2m Exhibition space

Exhibition Registration: Conference Secretariat, ECS Publications
Tel: +44-(0)131-447 0447 • Fax: +44-(0)131-452 8596
email: exhibition@ecspublications.com

Exhibition Bookings at Structural Faults & Repair 2010

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Amphora Non-destructive
Testing Limited
BASF Construction Chemicals
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Holequest Limited

Mala GeoScience AB
Olympus
Physical Acoustics Ltd
Pure Technologies Ltd
Straininstall UK Ltd
TRL Limited
University of Edinburgh
Utsi Electronics Ltd

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Conference Awards

Awards will be made to the Best Papers in the following categories:

1. **Construction & Building Materials Award:** to be made for the best paper on materials by Elsevier Ltd publishers.
2. **NDT Award:** to be made for the best paper on the use of geophysical or NDT techniques for investigating structures.
3. **Design Award:** to be made by Engineering Technics Press for the best paper by a design team from a Local Authority or Consulting Engineer.
4. **Research Award:** to be presented for the best paper by a University researcher.

To be eligible for a Conference Award, authors must register for the Conference and present their paper.

5. **Lifetime Achievement Award** - will be presented to a distinguished contributor to the field of Structural Faults & Repair.
6. **Structural Faults & Repair Exhibition Award** - will be presented to the Exhibitor with the best display.

STRUCTURAL FAULTS + REPAIR—2012

Networking Opportunities

- (1) **CONFERENCE ICEBREAKER + MALT WHISKY TASTING:** Monday 2nd July @ 19.00 - 20.30 in the Quincentenary Building, **The Surgeons Hall**, Nicolson Street, Edinburgh EH8 9DW. Malt Whisky, sparkling wine, soft drinks and Scottish canapés will be served, hosted by the Conference. This is an excellent opportunity for Speakers (from 35+ countries) and Exhibitors to network prior to the start of the Conference. Invitations will be issued to all Authors (& their partners) and Exhibitors.
- (2) **CIVIC RECEPTION + AWARDS CEREMONY:** Tuesday 3rd July @ 19.00 - 20.00 in the City Chambers, High Street (Royal Mile), Edinburgh. The Lord Provost of the City of Edinburgh will host the Reception and present the Conference and Exhibitors Awards. Invitations will be issued to all conference participants and partners. Wine and soft drinks will be served, plus light canapés.
- (3) **CONFERENCE BANQUET + THE CEREMONY OF BEATING RETREAT BY "THE ROYAL SCOTS ASSOCIATION PIPE BAND" [Optional]:** Wednesday 4th July @ 19.30 for 20.00 in the Playfair Hall, Royal College of Surgeons (founded 1503), Surgeons Hall, Nicolson Street, Edinburgh EH8 9DW. Pre-dinner sparkling wine and soft drinks will be served in the historic Surgeons Library Area. Dinner will be served in the Playfair Hall. At the end of the banquet The Royal Scots Association Pipe Band will "Beat Retreat" in the Surgeons Hall Gardens. Malt whisky and soft drinks will be served. Tickets may be booked on the Registration Form, including tickets for guests.
- (4) **CONFERENCE LUNCHES AND ALL COFFEE AND TEA BREAKS WILL BE SERVED IN THE EXHIBITION HALL:** a "hot fork buffet lunch" with soft drinks will be offered to registered Delegates and Exhibitors each day.

Registration + Payment Form

I/We wish to register as a Delegate at STRUCTURAL FAULTS & REPAIR—2012 at the registration rate of

	Early*	Late
Delegate (incl. VAT)	£500	£550
Author (incl. VAT)	£455	£500

*Early rates only apply to registration fees paid before 31 March 2012.

Registration Fee includes attendance at Conference Sessions, Morning Coffee, Lunch, Tea, and one copy of the Proceedings on CD-Rom.

Conference Dinner on the second evening of the Conference - £86 per person (incl. VAT).

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Total fee	£	Exhibition <input type="checkbox"/>

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Delegate Cancellation Policy: before 31st May 2012 - full refund less £30 administration charge; 1st June and thereafter - delegate substitutions accepted, but no refunds available.

Conference Cancellation Policy: ECS Publications, the Conference & Exhibition Organisers, reserve the right to reschedule the Conference & Exhibition in the circumstances of 'events beyond our reasonable control'; ECS Publications shall not be liable for the consequences of 'events beyond our reasonable control' - see definitions on our web site. ECS Publications, reserve the right to cancel the Conference & Exhibition, for reasons other than 'events beyond our reasonable control', and in that instance only, shall refund to each Participant the Conference and/or Exhibition fee, previously paid, in full satisfaction of all liabilities of ECS Publications to each Delegate or Exhibitor.