

EUROPEAN BRIDGE CONFERENCE & EXHIBITION

NETWORKING OPPORTUNITIES

1 CONFERENCE ICEBREAKER

+ Beer & BBQ Food & Malt Whisky Tasting
This is an excellent opportunity for Delegates (from 35+ countries) and Exhibitors to network prior to the start of the Conference.

Monday 22nd June 19.00 – 20.30
The Exhibition Hall, Radisson Blu Hotel

2 CIVIC RECEPTION + AWARDS CEREMONY

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.

Tuesday 23rd June @ 19.00 - 20.00
The City Chambers, High Street (Royal Mile),
Edinburgh

3 CONFERENCE BANQUET + THE CEREMONY OF BEATING RETREAT BY 'THE ROYAL SCOTS ASSOCIATION PIPE BAND'

(Optional)

View the priceless collection of Raeburn Paintings. Dine in one of Scotland's finest public rooms. The Royal Scots Association Pipe Band will "Beat Retreat" in the Quad, where malt whisky & soft drinks will be served. Tickets may be booked on-line, including tickets for guests.

Wed 24th June 19.00 for 19.30
The Playfair Library,
University of Edinburgh, Old College,
South Bridge, Edinburgh EH1

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.



EARLY EXHIBITION BOOKINGS

BRIDGE Design & Engineering
CINTEC International Ltd
Elsevier Ltd
Geomatrix Earth Science Ltd
IDS Corporation SpA
LUSAS

MaCalloy
Straininstall UK Ltd
Teledyne Blue View
University Of Edinburgh
Vesam Group
Wireco World Group

3 DAY EXHIBITION FEE = £1,500 + VAT FOR 2.5M X 1.5M EXHIBITION SPACE

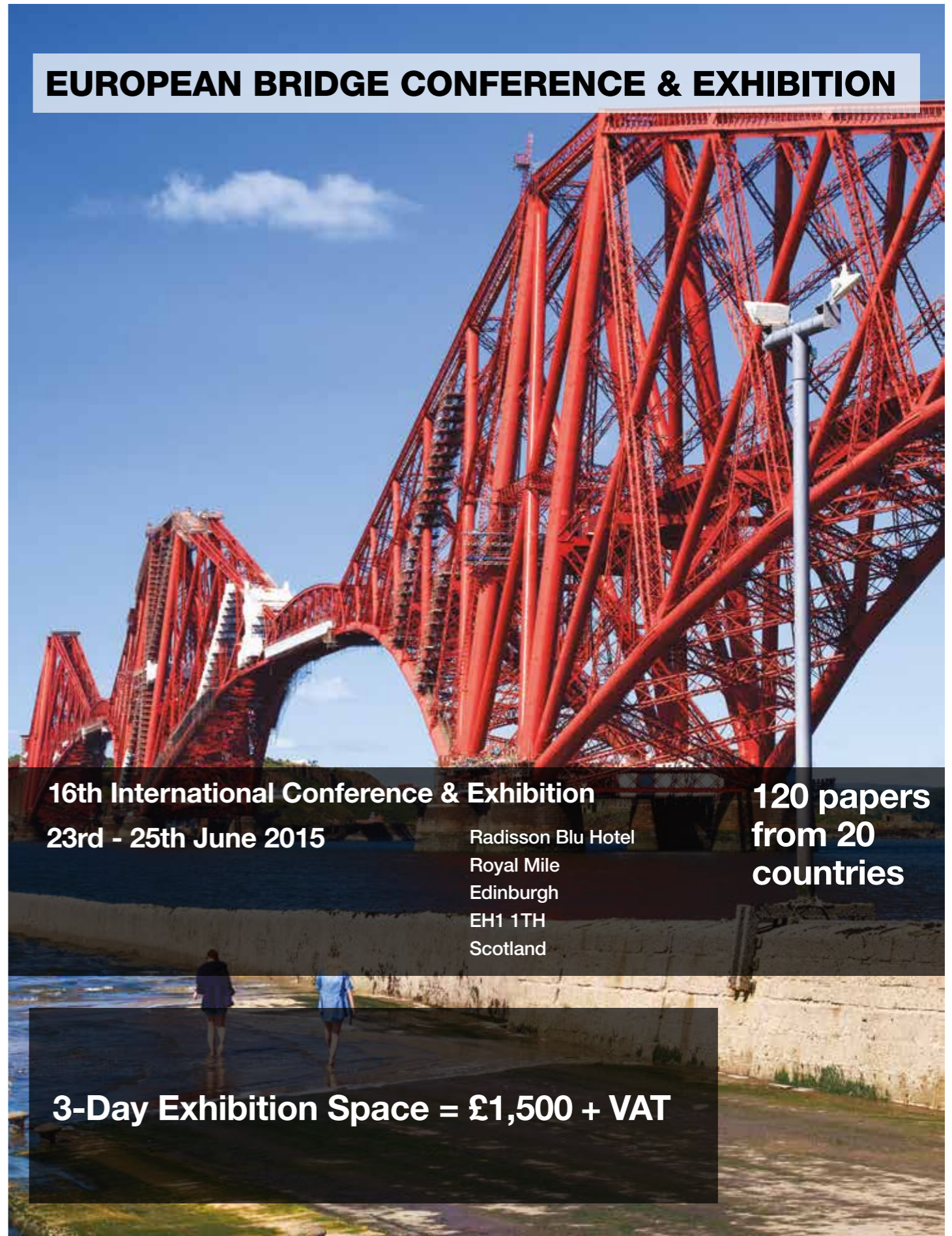
t +44 (0)131 447 0447 e exhibition@ecspublications.com



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EUROPEAN BRIDGE CONFERENCE & EXHIBITION



16th International Conference & Exhibition
23rd - 25th June 2015

Radisson Blu Hotel
Royal Mile
Edinburgh
EH1 1TH
Scotland

120 papers
from 20
countries

3-Day Exhibition Space = £1,500 + VAT



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Keynote Papers :

- CONCEPT OF A SUPER-LONG SPAN SUSPENSION BRIDGE, Dr Man-Chung Tang, TY Lin International Inc, San Francisco, USA
- LONG SPAN BRIDGE DESIGN – WHAT COMES NEXT? Barry Colford, Forth Road Bridge, South Queensferry, UK

- MODERN CABLE ANALYSIS AS APPLIED TO HISTORIC & MODERN BRIDGES, Dr Khaled Mahmoud, Bridge Technology Consulting Inc, New York, NY, USA
- PRESTRESSED CONCRETE BRIDGES IN THE USA, Dr Andrew Scanlon, Penn State Univ, University Park, PA, USA

- REDUCING THE RISK OF POTENTIAL FAILURES OF POST-TENSIONED CONCRETE BRIDGES, Dr Donald Pearson-Kirk, Mouchel, Exeter, UK
- THE FLEXIARCH FOR HIGHLY SUSTAINABLE BRIDGES, Prof A E Long, S V Nanukuttan & D McPolin, Queen's Univ Belfast & A Gupta, Macrete Ireland, Toomebridge, Northern Ireland, UK

EUROPEAN BRIDGE CONFERENCE - LIST OF PAPERS : PARALLEL SESSIONS WILL BE USED EACH DAY

Further details at europeanbridgeconference.com

Long-Span Suspension & Cable Stayed Bridges

- MANAGEMENT OF THE SEVERN SUSPENSION BRIDGE, C Hendy, C Mundell, D Bishop, Atkins, Epsom, UK
- RAIN-WIND INDUCED VIBRATIONS IN STAY CABLES: PARAMETRIC STUDY, G Bertagnoli, D La Mazza, G Mancini, Poli di Torino, Italy
- OHIO RIVER BRIDGE EAST END CROSSING CABLE-STAYED MAIN SPANS, M Loizias, Jacobs, Morristown, NJ, USA
- APPLICATIONS & NEW DEVELOPMENTS OF THERMO MECHANICALLY ROLLED STEEL FOR BRIDGE CONSTRUCTIONS, T Lehnert, Dillinger Hütte, Dr Falko Schröter, Germany
- DESIGN & CONSTRUCTION TECHNIQUES FOR SUSPENDED FOOTBRIDGES IN SUB-SAHARAN AFRICA, N Bloss, E Bonet, Bridging the Gap Africa, Eau Claire, WI, USA, M Bowser, MMM Group Ltd, Mississauga, Canada
- MENAI SUSPENSION BRIDGE AN EVOLUTION IN ENGINEERING, INNOVATION & PERFORMANCE, W Day, Hyder Consulting Ltd, London, UK
- DETAIL ANALYSIS OF SUSPENSION FOOT BRIDGE, J Kala, Brno Univ of Tech, Czech republic
- DEFECT DETECTION IN STRAND WIRES WITHIN THE ANCHORAGE AREA OF HIGH TENSIONED CABLES, M de Wit, G Hovhanessian, Advitam, Rueil Malmaison, France
- MARTIN OLAV SABO PEDESTRIAN BRIDGE: CABLE DIAPHRAGM PLATE FRACTURE INVESTIGATION & REPAIR, G Klein, B Santosuosso, Wiss, Janney, Elstner Associates, Inc., Northbrook, IL, USA

The Queensferry Crossing Cable Stayed Bridge, Edinburgh - Longest 3-tower, Cable-Stayed Bridge in the World

- THE QUEENSFERRY CROSSING FOUNDATIONS, A Chisholm, Arup, C Niemietz, FRC, South Queensferry, UK
- THE QUEENSFERRY CROSSING: TOWER CONSTRUCTION, K Brunton, N Robinson, FRC, Rosyth, UK
- THE QUEENSFERRY CROSSING, SCOTLAND - DECK CONSTRUCTION, J Redpath, Jacobs UK Ltd, Rosyth, UK
- THE QUEENSFERRY CROSSING - DECK SEGMENT CONSTRUCTION, J Brown, A Sergott, J Purves, FRC, Rosyth, UK
- THE QUEENSFERRY CROSSING: DECK FABRICATION & CONSTRUCTION, J Baker, Arup, Edinburgh, UK
- THE QUEENSFERRY CROSSING: THE DEVELOPMENT OF AN INTEGRATED MONITORING, INSPECTION & MAINTENANCE MANAGEMENT SYSTEM, O Riches, Arup, Edinburgh, UK
- FERRY TOLL VIADUCT - DESIGN & CONSTRUCTION, L Chadwick, Forth DJV, D Moncrieff, FCB JV, I Mackinnon, Jacobs/Arup JV, Rosyth, UK

Steel, Iron & Aluminium Bridges

- DIAGNOSIS & RESTORATION OF 4 EXCEPTIONAL EIFFEL-TYPE RAIL VIADUCTS, C Raulet, C Lamarsaude, R Leconte, C Raulet, DIADES, C Defargues, Setec Ferroviaire, Vitrolles, France
- WALTON BRIDGE - NEW ARCH BRIDGE OVER THE RIVER THAMES, UK, C Hendy, DA Smith, RN Wheatley, M Chiarello, Atkins, Epsom, UK
- HUEY P. LONG BRIDGE WIDENING & TRUSS LIFT MONITORING, T Weinmann, Geocomp, Buffalo Grove, IL, USA
- GLACIER DISCOVER SKYWALK, S Brown, Read Jones Christoffersen Ltd, Calgary, AB Canada
- DESIGN & CONSTRUCTION OF SHAWFIELD DALMARNOCK SMARTBRIDGE, C Walker, CH2M Hill, Glasgow, UK
- DEVELOPMENT OF COATING SYSTEMS TO EXTEND BRIDGE LIFE, M Morris, Sherwin-Williams Protective & Marine Coatings EMEA, Bolton, UK
- EFFECT OF FLANGE & STIFFENER RIGIDITY ON THE BOUNDARY CONDITIONS & SHEAR BUCKLING STRESS OF PLATE GIRDERS, Z Al-Azzawi, T Stratford, J M Rotter, L Bisby, Univ Edinburgh, UK
- REPLACING THE SUPERSTRUCTURE OF THE 'COATZACOALCOS I' BRIDGE, R Gomez, Institute of Engineering, UNAM, Mexico
- CENTURY-OLD TRUSS BRIDGES IN LONDON CANADA: BOOKEND STRUCTURAL ENGINEERING ADVANCEMENTS, M Bartlett, Univ of Western Ontario, London, ON, Canada
- LAB EVALUATION OF A RAPID SCREENING TEST FOR FATIGUE CRACK DETECTION IN ANCHOR RODS FOR HIGHWAY SIGN BRIDGE STRUCTURES, S Pessiki, LW Keller, S Pakzad, Lehigh Univ, Bethlehem PA, USA.
- CRACK-ARREST HOLES TO MITIGATE DISTORTION-INDUCED FATIGUE CRACKING IN STEEL BRIDGES, C Bennett, H Liu, A Matamoros, Univ of Kansas, Lawrence, KS, USA

Concrete Bridges

- INTEGRAL BRIDGES & MODELLING OF SOIL-STRUCTURE INTERACTION, S Rhodes, P Icke, LUSAS, Kingston upon Thames, UK
- INNOVATIVE BRIDGE CONSTRUCTION TO REPLACE THE SKAGIT RIVER BRIDGE, B Khaleghi, Washington State DoT, USA
- SHEAR OR BENDING? EXPERIMENTAL RESULTS ON LARGE T-SHAPED PRESTRESSED CONCRETE BEAMS, S Ensink, C vd Veen, TU Delft, A de Boer, Rijkswaterstaat, Netherlands
- SHEAR TESTS ON RC SLABS WITHOUT SHEAR REINFORCEMENT UNDER CONCENTRATED LOADS - ASSESSMENT OF DESIGN RULES TO EC2, K Reissen, J Hegger, RWTH Aachen Univ, Germany

- LONG SPAN BRIDGE DESIGN USING STANDARD PRESTRESSED CONCRETE BEAMS, S Jacobsen, NNW, Inc, G Parker, E Bartels, Johnson Co Secondary Roads, Iowa City, J Kuperman, VJ Engineering Inc, Coralville, IA, USA
- STUDY ON FLEXURAL STRENGTH CALCULATION OF RC BEAM UNDER ENVIRONMENTAL ACTIONS & FATIGUE LOADS, Y Fu, L Liu, J Q Zhang, S Q Zhang, W H Li, Research Institute of Highway, MOT, Beijing, China
- WHAT SHOULD BE THE PROTECTIVE LAYER OF CONCRETE IN CONSTRUCTION OF 'CONTINENTAL' BRIDGES? V I Travush, V M Latypov, T V Latypova, E V Lutsyk, P A Fedorov, AR Anvarov, USPTU, Ufa, Russian Federation
- ASSEMBLED SELF-STRESSING STRENGTHENING TECHNIQUE FOR LONG-SPAN CONTINUOUS PRESTRESSED CONCRETE BOX GIRDER BRIDGES, Y Leng, R Jiang, W Sun, New Mexico State Univ, Las Cruces, J Zhang, S Cheng, H He, Z Qu, Research Inst of Highway, MOT, China
- ANALYSIS OF A TEST DATABASE FOR RC STRUCTURES & COMPRESSIVE MEMBRANE ACTION, D Collings, J Sagasetta, Univ of Surrey, Guildford, UK
- BEHAVIOR & DESIGN OF SPREAD SLAB BEAM BRIDGES, T Terzioglu, MBD Hueste, JB Mander, D Jiang & JI Petersen-Gauthier, Texas A&M Trans Inst, College Station, USA
- FE ANALYSIS OF P-T CONTINUOUS PRESTRESSED CONCRETE BEAMS UNDER SHEAR LOADING WITH ABAQUS, M Herbrand, RWTH Aachen Univ, Germany
- DYNAMIC RESPONSE OF BRIDGE PIERS IN PRESENCE OF FOUNDATION SCOUR, M Mucciacciaro, A De Angelis, MR Pecce, Univ degli Studi del Sannio, Benevento, Italy
- INFLUENCE OF IDEALIZATION BOUNDARY CONDITIONS IN SIMULATIONS OF PRESTRESSED PEDESTRIAN BRIDGES, J Kala, F Hokes Brno Univ of Technology, Czech Republic
- DESIGN OPTIMISATION & MODELLING OF A TOTALLY PRECAST CONCRETE COUNTER FORT RETAINING WALL, M Issa, M Farhat, Univ of Illinois at Chicago, USA
- INVENTORY & ANALYSIS OF RENOVATION & REPLACEMENT OF DEGRADED CONCRETE INFRASTRUCTURE, W Peelen, RB Polder & FJ Pacheco, TNO, Delft, Netherlands
- SKEW BRIDGE FOR HIGH SPEED TRAINS TO NORTHWEST OF SPAIN, C Jurado Cabanes, Univ Poli de Madrid, Spain
- BRIDGE DAMAGES CAUSED BY FLOODS, Prof R Folic, Univ of Novi Sad, Serbia
- MARINE ENVIRONMENT CONSTRUCTION DURABILITY USING SELF-COMPACTING CONCRETE, MN Ciinoui, Constanta, Romania

Composite Bridges

- DEVELOPMENT OF A RESIN INFUSED FRP ROAD BRIDGE DECK TO BD90/05, M Halpin, J Murphy & Sons Ltd, Warrington , L Canning, Jacobs, W Sebastian, Univ of Bristol, UK
- COMPOSITES IN BRIDGES: DEVELOPMENTS IN AUSTRALIA, T Aravinthan, AC Manalo, Univ of Southern Queensland, Toowoomba, Australia
- EXPL INVESTIGATION OF FLEXURE STRENGTHENED R.C. BEAMS WITH COMPOSITE SHEETS UNDER FATIGUE LOADING, H Toutanji, R Vuddandam, Univ of Alabama in Huntsville, AL,USA
- STRENGTHENING OF ROAD BRIDGE STRUCTURES WITH COMPOSITE MATERIALS, D Kartuzov, A Shilin, ZAO Triada-Holding, Moscow, Russian Federation
- EFFECT OF ENDOGENOUS DEFORMATIONS IN COMPOSITE BRIDGE BEAMS, G Bertagnoli, G Mancini, Poli di Torino, Italy
- MICROWAVE CURING OF CONCRETE BRIDGE REPAIRS, PS Mangat, K Grigoriadis, S Abubakri, Sheffield Hallam Univ, UK
- MEASUREMENT & CHARACTERISATION OF CONCRETE SUBSTRATE ROUGHNESS IN PATCH REPAIRS, K Grigoriadis, Sheffield Hallam Univ, UK
- THERMAL STRESS ANALYSIS FOR CONCRETE STRUCTURES AT DESIGN STAGE, T Nishido, IHI Inspection & Instrumentation Co Ltd, Yokohama, Japan
- RESEARCH ON 1st POLISH FRP VEHICULAR BRIDGE, C Siwowski, M Rajchel, M Kulpa, Rzeszow Univ of Technology, Poland
- FATIGUE BEHAVIOR OF CFRP-STRENGTHENED R.C. BEAMS, H Toutanji, Univ of Alabama in Huntsville, AL, USA

Bridge Decks

- EXPTL INVESTIGATIONS ON THE SHEAR CAPACITY OF RC CANTILEVER BRIDGE DECK SLABS UNDER CONCENTRATED LOADS, K Reissen, J Hegger, RWTH Aachen Univ, Germany
- QUANTITATIVE BRIDGE DECK EVALUATION USING EMERGING GROUND PENETRATING RADAR, M Scott, ADOJAM, LLC, D Goulias, Univ of Maryland, College Park, MD, USA
- PRECAST CONCRETE BRIDGE DECKS WITH CARBON FIBRE GRID REINFORCEMENT, S Pessiki, C Naito, Lehigh Univ, Bethlehem PA, J Shelala-Bauer, C&S Engineers, Inc., Syracuse NY, USA
- BRIDGE DECK PROTECTION BY HYDROPHOBIC PORE-LINING IMPREGNATIONS, M Rahman, Brunel Univ London, Uxbridge, M Krishna, Nottingham Trent Univ, D Chamberlain, Epicuro Ltd, London UK
- UHPFRC PRECAST PRESTRESSED SHORT-SPAN BRIDGE DECK: MODELLING, DESIGNING & CONSTRUCTION, RM de Andrade, MS Pfeil, RDT Filho, E Fairbairn, RC Battista, Univ Federal do Rio de Janeiro, Brazil

Post-Tensioned & Pre-Stressed Concrete Bridges

- HAMMERSMITH FLYOVER PHASE II STRENGTHENING, P Jackson, Ramboll, Southampton, UK
- CORE DRILLING METHOD FOR DETERMINING STRESSES & TENDON FORCES IN PRESTRESSED CONCRETE BRIDGES: 2D & 3D DIGITAL IMAGE CORRELATION, M McGinnis, Univ of Texas at Tyler, USA
- EVALUATION OF THE DETECTION LIMITS FOR THE INVESTIGATION OF STRANDS USING THE MAGNETIC LEAKAGE FIELD METHOD, Michael Schreiner, G Sawade, B Steinfeld, MPA Universität Stuttgart, Germany,
- DIGITAL IMAGE CORRELATION FOR BRIDGE INSPECTION: COMMERCIAL GRADE CAMERAS, M McGinnis, M Gangone, Univ of Texas at Tyler, USA
- DETECTING DAMAGE IN PRESTRESSED CONCRETE BRIDGES USING CONTINUOUS MONITORING, M Ralbovsky, M Kwapisz, S Lachinger, AIT Austrian Institute of Technology GmbH, Vienna, Austria
- NUMERICAL ANALYSIS OF THE LOCAL DAMAGE MECHANISM IN THE PETRULLA VIADUCT, L Anania, G D'Agata Giuseppe, A Badalà, Univ of Catania, Italy
- EXAMPLES FOR MONITORING ON BRIDGES & TRAFFIC BUILDINGS, A Gutsch, M Laube, T Rusack, H Wichmann, MPA Braunschweig, Germany
- DESIGN & BEHAVIOR OF SPLICED CONTINUOUS PRESTRESSED CONCRETE SLAB-ON-GIRDER BRIDGES, J Mander, M B Hueste, R Baie, Texas A&M Univ, College Station, USA
- GROUTING OF POST TENSIONING SYSTEMS, A Gutsch, H Alberts, MPA Braunschweig, Germany
- AUTOMATIC HEALTH MONITORING APPLIED ON A CURVE IN AN ELEVATED URBAN RAILROAD IN MEXICO CITY, C Huerta-Carpizo, D Murià-Vila, J C Pérez, ARS Ramirez, Inst de Ingenieria Unam, Mexico

Seismic Behaviour of Bridges

- OVERVIEW OF BRIDGE SEISMIC RETROFIT PROGRAM IN WASHINGTON STATE, B Khaleghi, Washington State DoT, USA
- EFFICIENCY OF DIFFERENT RETROFIT MEASURES IN REDUCING SEISMIC FRAGILITY OF BRIDGES, A Kappos, City Univ, London, UK, S P Stefanidou, Aristotle Univ of Thessaloniki, Greece
- EARTHQUAKE DAMAGE TO RC BRIDGES & RECOMMENDATIONS FOR REPAIR & STRENGTHENING, R Folic, V Radonjanin, A Prok, M Malešev, Univ of Novi Sad, Serbia & Montenegro
- DECK REPLACEMENT & SEISMIC PIERS RETROFITTING - FORNELLO VIADUCT, R Di Marco, Univ IUAV di Venezia, M Mele, MGA Engineering srl, Rome, Italy

Prestress Loss in R.C. Bridges

- PRESTRESS LOSSES OF HIGH STRENGTH SELF CONSOLIDATING CONCRETE IN BRIDGE A7957, MO, USA COMPARED TO CODE MODELS, J Myers, H H Alghazali, Missouri Univ of Sci & Tech Rolla, MO, USA
- VARIABILITY OF PRESTRESS LOSS IN PRESTRESSED CONCRETE BRIDGE GIRDERS, A Scanlon, Penn State Univ, Univ Park, B D Swartz, Messiah College, A J Schokker, Univ of Minnesota at Duluth, USA
- CORE DRILLING METHOD FOR DETERMINING STRESSES IN CONCRETE BRIDGES: MOISTURE EFFECTS WITH SMALL DIAMETER CORES, M McGinnis, J Rey, Univ of Texas at Tyler, USA

Corrosion & Cathodic Protection

- SUSTAINABLE LIFE EXTENSION OF M1 M-WAY HALF JOINTS USING IMPRESSED CURRENT CATHODIC PROTECTION, P D Loganathan, P Segers, CH2MHILL, Birmingham, R Quinn, UK
- DETECTION OF CORROSION IN PRESTRESSING STEEL IN 40-YEAR OLD CONCRETE BOX BEAMS USING MAGNETIC FLUX LEAKAGE, S Pessiki, C Naito, Lehigh Univ, Bethlehem, PA, USA, A Ghorbanpoor, Univ of Wisconsin-Milwaukee, USA
- LAB INVESTIGATION OF CORROSION INHIBITORS EFFICIENCY IN REPAIRS OF R.C. BEAMS, E Michalak, Rzeszow Univ of Tech, Poland

Field Testing of Bridges

- DYNAMIC TESTING TO VALIDATE NEW BRIDGES ON TICINO RIVER, E Mola, G Stefanopoulos, C Segato, ECSD Srl, G Busca, L L Cheng, F Mola, A Cigada, Poli di Milano, Italy
- FIELD TESTING & NUMERICAL SIMULATION OF HYBRID COMPOSITE BEAM BRIDGE IN VIRGINIA, D Harris, A Gheithasi, Univ of Virginia, Charlottesville, VA, JM Civitillo, Norfolk Naval Shipyard, Portsmouth, VA, USA
- IN-SITU FIELD TEST & SERVICE RESPONSE OF MISSOURI BRIDGE A7957, J Myers, E Hernandez, Missouri Univ of Sci & Tech Rolla, MO, USA
- TEST METHODS FOR STAY CABLE SYSTEMS, AW Gutsch, M Laube, T Nolte, MPA Braunschweig, Germany
- DYNAMIC TESTING & MODEL TUNING FOR DESIGN & CONSTRUCTION VALIDATION OF HIGHWAY BRIDGES IN NORTHERN ITALY, E Mola, G Busca, A Datteo, M Paksoy, C Pozzuoli, E Zappa, ECSD Srl, Milan, Italy
- DEVELOPMENT & FIELD TESTING OF ANGLES-WITH-PLATE RETROFIT TECHNIQUE FOR REPAIRING DISTORTION-INDUCED FATIGUE IN STEEL BRIDGES WITHOUT DECK REMOVAL, C Bennett, K McElrath, S Rolfe, Univ of Kansas, Lawrence, A Matamoros & P Flawn, Univ of Texas - San Antonio, USA

Structural Health Monitoring of Long & Short Span Bridges

- ADVANCED STRUCTURAL HEALTH MONITORING SYSTEMS FOR LONG-SPAN BRIDGES, J St Leger, S Babin, Strainall UK Ltd, Royston, M Anderson, A Scullion, Strainall, UK
- GROUND BASED INTERFEROMETRY RADAR (IBIS-FS) TO DELINEATE A LONG-TERM PLAN OF SHM FOR BRIDGES, M Twardzik, F Boscagli, IDS - Ingegneria Dei Sistemi S.p.A., Pisa, Italy, E Shilov, M Bell, IDS Australasia Pty Ltd, Brendale, Queensland, Australia
- INSPECTING UNDERWATER BRIDGE STRUCTURES, SCOUR & UNDERCUT, E J Cheesman & J Robertson, Teledyne BlueView, Stuart FL, USA
- UNDERSTANDING EARLY AGE BEHAVIOUR OF PRESTRESSED CONCRETE BEAMS USING FIBRE OPTIC SENSORS, N Gibbons, L Butler, C Middleton, M Elshafie, Univ of Cambridge, UK, A Ellwood, J Oliver, P Holland, Laing O'Rourke, R Platt, M Henwood, S Dirar, Univ of Birmingham, UK
- BRIDGING THE FUTURE & MONITORING FOR RISK ASSESSMENT & ASSET MANAGEMENT, T Weinmann, R Drefus, F Dai, Geocomp, Buffalo Grove, IL, USA
- DEVELOPMENT OF SMART STRUCTURAL COMPONENTS FOR OPTIMISING STRUCTURAL HEALTH MONITORING SYSTEMS, T Weinmann, F Dai, Geocomp, Buffalo Grove, IL, USA
- SENSOR SYSTEM NOISE & LOADING ON PRECISION OF LOAD TESTING & RATING OF HIGHWAY BRIDGES, M Gangone, Univ of Texas at Tyler, MJ Whelan, Univ of North Carolina, USA
- WIRELESS SHM FOR DAMAGE DETECTION IN CONCRETE STRUCTURES USING ELECTROMECHANICAL IMPEDANCE, C Providakis, S Tsistrakis, M Voutetaki, J Tsompanakis, M Stavroulaki, A Pantelidou & J Agadakos Tech Univ of Crete, Chania, Greece
- OPEN SOURCE VISUALIZATION SYSTEM FOR SHM DATA ANALYSIS, D McNeill, M Woelk, Univ of Manitoba, Winnipeg, Canada
- MONITORING OF THE MORGAN ST TIED ARCH BRIDGE GIRDERS USING WIRELESS SENSORS DURING ERECTION, MA Issa, Univ of Illinois at Chicago, IL, M Issa, HBM Engineering Group, LLC, Hillside, IL, USA

NDT of Bridges

- INVESTIGATION & VERIFICATION OF GEOPHYSICAL METHODS INSPECTING UNKNOWN BRIDGE FOUNDATIONS, H Wang, CECI, Taipei, CH Hu, HCK Geophysical Co, Taiwan
- BASIC STUDY ON DAMAGE EVALUATION OF RUBBER BEARING ON BRIDGE BY ACOUSTIC EMISSION, Y Kawasaki, N Teramura, K Izuno, Ritsumeikan Univ, Shiga, Japan
- INSIDE THE BRIDGE INSPECTION TOOLBOX, M Arvantis, R Roberts, GSSI, Salem, NH, USA
- IMPLICATIONS OF ACI 288 ON NDT OF CONCRETE BRIDGES, M C Forde, Univ of Edinburgh, UK
- EXTRACTING ABC FREQUENCIES FOR DAMAGE IDENTIFICATION, Y Lu, C Hou, Univ of Edinburgh, UK

Masonry Arch Bridges & ARCHITECTURAL ASPECTS

- LOADING CAPACITY ASSESSMENT OF A MASONRY ARCH BRIDGE: THE CASE OF MASLEON BRIDGE, T Stablon, M Gilbert, ARCADIS, Labège, France
- CONTRIBUTION OF ARCHITECTS TO BRIDGE AESTHETICS, Prof N Kurtovic Folic, Univ of Novi Sad, Serbia
- MASONRY CONFINED WITH TEXTILE REINFORCED CEMENTITIOUS MORTARS (TRMS), T Kreaikaas, Xi'an-Liverpool Univ, Suzhou, China
- SEISMIC VULNERABILITY ASSESSMENT OF SINGLE SPAN MASONRY ARCH BRIDGES, C Modena, G Tecchio, C Thieilla, F da Porto, Univ of Padova, Italy
- FEASIBILITY OF LOCK-IN THERMOGRAPHY FOR DETECTING LEAKAGE IN MASONRY ARCH STRUCTURES, M Rahman, Brunel Univ London, Uxbridge, UK, M Saleh, Univ of Bahrain, D Chamberlain, Epicuro Ltd, London UK

Timber Bridges

- CONDITION ASSESSMENT OF TIMBER BRIDGES IN S.E. UNITED STATES, Dr V Gopu, LTRC & UNO, Baton Rouge, LA, USA
- UNBONDED COMPOSITE-FIBRE REINFORCEMENT FOR TIMBER BEAMS, M Corradi, L Righetti, Al Osofero, Northumbria Univ, Newcastle upon Tyne, UK

OPEN DISCUSSION FORUMS :

DAY 1 : Long Span Bridges

DAY 2 : Bridge Maintenance

NETWORKING OPPORTUNITIES :

DAY 0 : 7PM 'ICEBREAKER' AT CONFERENCE VENUE

DAY 1 : 7PM Civic Reception & Awards Ceremony

DAY 2 : 7PM (OPTIONAL) CONFERENCE BANQUET

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