

Second International Congress on Construction History

Wednesday, 29th March 2006

1 of 12

	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
2.00 - 2.15 p.m.	Congress Announcements – Dr. James Campbell			
2.15 - 2.25 p.m.	Welcome Address Sir William McAlpine (Patron Construction History Society)			
2.25 – 3.20 p.m.	Keynote Lecture Professor Andrew Saint (Architect and Engineer: an Eternal Dualism?)			
	Chair of Session - Dr. John Ochsendorf	Chair of Session - Eric Delony	Chair of Session - Michael Tutton	Chair of Session - Professor Joel Sakarovitch
4.00 – 4.15 p.m.	Jacques Heyman (Timber vaults)	Richard Cleary (Lessons in Tenuity: Frank Lloyd Wright’s Bridges)	Nick Thomson (A Study of Early Corrugated Iron Buildings in Rural Scotland)	Giuseppe Fallacara (Digital stereotomy and topological transformations: reasoning about shape building)
4.20 – 4.35 p.m.	Maria A. Nikolinakou and Andrew J. Tallon (New Research in Early Gothic Flying Buttresses)	Eberhard Pelke (The Development of the Prestressed Concrete Bridge in Germany after World War II)	Lindsay Lennie and Phil Banfill (A Heritage of Shops: An Investigation into the Evolution of Historic Shopfronts in Perth and Perthshire)	Marco Stigliano (“The trompe of the INCIS building of Saverio Dioguardi, mediterranean architect of the XX century”)
4.40 – 5.00 p.m.	Humberto Rodríguez-Camilloni (The Survival of Gothic Rib Vaulting in the Viceroyalty of Peru)	Jorge Bernabeu Larena (The Iron-Wood Composite Section of the Carrousel Bridge in Paris (1834)	Patrick Taylor (A Last Fling in Local Distinctiveness: Toll-houses in East Anglia)	Francesco Defilippis (Architecture and stereotomy. The relation between “construction apparatus” and “decorative apparatus” in the cut-stone vaults and domes of Philibert De l’Orme and Andrés de Vandelvira)
5.05 – 5.20 p.m.	José Palacios (The Gothic Ribbed Vault in Rodgrio Gil De Hontañón)	Roland May (Paul Bonatz and the search for an "art-form" for motorway bridges)	Neil Larson (Building a Stone House in Ulster County, New York in 1751)	Claudio D’Amato Guerrieri (Helicoidal Construction Geometry and Oblique Architectural Arrangement. The Spiral Staircase of the Belvedere and the Argument between de l’Orme and Bramante: Digital Models Compared)
5.20 – 5.30 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
5.30 – 6.00 p.m.	Coffee			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
	Chair of Session – Dr. Bill Addis	Chair of Session – Eric Delony	Chair of Session – Malcolm Dunkeld	Chair of Session – Dr. Randolph Langenbach
6.00 – 6.15 p.m.	Santiago Huerta and Antonio Ruiz (Some notes on Gothic building processes: the expertises of Segovia's cathedral)	Volker Wetzck (Bridge bearings – A Historical Survey)	Franz Graf (History and Conservation of Contemporary Buildings. Curtain Wall Structures in Switzerland (1945-1975))	José A. Franco, Juan P. Valcárcel, Manuel J. Freire and Santiago Tarrío (Vaults and Other Constructive Singularities in the Monastery of San Martín Pinario)
6.20 – 6.35 p.m.	Dimitris Theodossopoulos (Technology and geometry in the design of gothic vaults in Britain)	Soledad Camino, Alfredo Llorente, Félix Jové and Fernando Sánchez (The subsoil network of bridges and vaults which cover the Esgueva river crossing the town of Valladolid, Spain)	Tegwen Roberts (Hodkin and Jones: A legacy cast in stone? An investigation into the significance of concrete in domestic buildings in Britain during the late nineteenth and early twentieth centuries)	Olivier Lavigne (Tool Marks and Construction in ancient Tanis)
6.40 – 6.55 p.m.	Rémy Mouterde (The stiffening system of medieval timberwork in the cathedral of Saint Pierre de Poitiers)	Peter Cross-Rudkin (Centres for Large Span Masonry Arch Bridges in Britain to 1833)	Carla Ceraldi, Ennio Russo Ermolli and Vincenza Tempone (The Riding school in the Royal Palace of Naples: transformations in the timber covering structure)	Stefano Condorelli (The reconstruction of Catania after the earthquake of 1693)
7.00 – 7.15 p.m.	Alexander Holton (The working space of the medieval master mason: the tracing houses of York Minster and Wells Cathedral)	Joseph Dahmen (Moorish Bridges of Andalusia)	Rebecca J. Sheppard (Standing in the Corn Field, Talking to the Walls, and Peeling Back the Layers: Using Fieldwork to Discover the Construction of Vernacular Architecture)	Luis de Villanueva Dominguez and Fernando Vela Cossío (The Horseshoe Arch in Toledo)
7.15 – 7.30 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
7.30 p.m. onwards	Dinner			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
8.45 a.m.	Congress Announcements – Dr. James Campbell			
8.50 – 9.40 a.m.	Keynote Lecture Professor Antoine Picon (Construction history: between technological and cultural history)			
	Chair of Session – Professor Santiago Huerta	Chair of Session – Professor Myron Stachiw	Chair of Session – Dr. David Yeomans	Chair of Session – Robert Law
9.45 – 10.00 a.m.	Bill Addis (The Use of Scientific Calculations in Design Procedures for Heating, Ventilation, Daylighting and Acoustics from the Eighteenth Century to the mid-Twentieth Century)	Volodymyr Zotsenko (A Wooden Church of the twelfth century in Podil, Kyiv, Ukraine)	Christopher How (Translated Tradition in the Portland Bay Settlement. Traditional timber framing techniques in a cultural development - Some features revealed in the Steam Packet Inn, Portland, Victoria, Australia)	Lynn Pearson (In the latest London style: Decorative tile and terracotta exports by British manufacturers, 1840-1940)
10.05 – 10.20 a.m.	Katherine Romba (Aesthetics and the Professional Identity of the Modern German Engineer)	Mykhailo F. Rozhko; posthumously edited and prepared by Vasyl M. Rozhko and Myron O. Stachiw (Defining the ninth - thirteenth century fortress Tustan': building archaeology of a log, cliff-side structure)	Pietro Copani (Ancient wooden roofs in Sicily: the heritage of Taormina)	Lesley Durbin (Nineteenth Century Tiles; industrial mass production and construction methods of interior tile schemes in the nineteenth and early twentieth centuries)
10.25 – 10.40 a.m.	Hentie Louw (Greeks, Romans & Goths in an Age of Iron)	Mykhaylo Sagaydak (Building Archaeology of the Secular Architecture of the 10th – 11th Century Kyivan Rus' Town)	Antonio Orihuela (The Use of Wood in Morisco Houses in 16th Century Granada (Spain))	Zeynep Durmuş Arsan (The Use of Saint-Gobain Glass Roof Tile in New Urban Districts of Turn-of-the-Century Izmir)
10.45 – 11.00 a.m.	Hermann Schlimme (Construction Knowledge in Comparison: Architects, Mathematicians and Natural Philosophers Discuss the Damage to St. Peter's Dome in 1743)	Camille Wells (Dendro-Dating the Domestic Architecture of Colonial Virginia: Exploring the Potential of Certainty)	Mathias Seraphin (The Influence of the German Railways on the Birth of Modern Timber Engineering)	Gian Piero Cossu (Technologies in comparison. glass tube production, project and implementation: from the SC Johnson & Son's Research Laboratory Tower by Wright to today's experimentations)
11.00 – 11.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
11.15 – 11.45 a.m.	BOOKFAIR OLD HALL (10-5pm) COFFEE SERVED IN OLD HALL			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
	Chair of Session - Dirk de Vries	Chair of Session – Eric Delony	Chair of Session – Dr. James Campbell	Chair of Session – Professor Miles Lewis
11.45 – 12.00 p.m	Mark Swenarton (Breeze blocks and Bolshevism: housing policy and the origins of the Building Research Station 1917-21)	Ine Wouters, Michael de Bouw and George G. Nieuwmeijer (Nineteenth-century Iron Suspension Footbridges in Flanders (Belgium))	Michele Montemurro (The operating tradition of the Compagnonnage du Devoir du Tour de France)	Dominic Wilkinson (The significance of the former Bryant & May match factory, Garston, Liverpool)
12.05 – 12.20 p.m	Inge Bertels (The Contractors' Intellectual Profile: Knowledge and Training of Nineteenth-Century Public Works' Contractors in 19th century Antwerp, Belgium)	Riccardo Gulli and Giovanni Mochi (The oblique bridges in Italy)	Alessandra Mongelli (A new wood roofing system: Marac's barracks and Colonel Armand Rose Emy's innovative supply)	Giuseppina Monni (Autarkical materials and modern materials. Autarkical lodging houses in Carbonia)
12.25 – 12.40 p.m.	Jeroen van der Heijden, Henk Visscher & Frits Meijer (Shifting responsibilities in Building Control in the Netherlands: a historical perspective)	John Vignoles (Kiev Suspension Bridge. (1846 – 1853))	Miles Lewis (Puncheons and Dragons: Renaissance carpentry and semantics)	José María Guerrero Vega and Manuel Romero Bejarano (The origins of the wine house architecture in Jerez de la Frontera. Analysis of the bodegas built in the sixteenth and in the seventeenth centuries)
12.45 – 1.00 p.m.	Mike Chrimes (British and Irish Civil Engineers in the Development of Argentina in the Nineteenth Century)	Miron Mislin (The Planning and Building Process of Two Paris Bridges in the 16th and 17th Century)	Lydia Hahmann (How stiff is a timber curved plank? Historical discussions about curved plank structures)	Matilde Miquel, Encarna Montero and Amadeo Serra (Factors of technical innovation in valencian architecture during the Medieval and Modern Ages: learning, know-how and inspiring admiration)
1.00 – 1.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
1.15 – 2.00 p.m.	Lunch - BOOKFAIR OLD HALL COFFEE SERVED IN OLD HALL			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
2.00 – 2.55 p.m.	Keynote Lecture Professor Linda Clarke and Dr. Christine Wall (Omitted from history: women in the building trades)			
	Chair of Session – Dr. James Campbell	Chair of Session – Eric Delony	Chair of Session – Peter Cross-Rudkin	Chair of Session - Dr. Sergej Fedorov
3.00 – 3.15 p.m.	Edwin Orsel (Brickwork in Leiden: A Survey of Sixteenth and Seventeenth Century Characteristics)	Göran Werner (John August Roebling – The Niagara Railway Suspension Bridge)	Philip Caston (Historic Roof Trusses between 1500 and 1700 in German-speaking Central Europe: Documentation, Analysis and Development)	Jeroen van den Hurk (Origins and Survival of Netherlandic Building Traditions in North America)
3.20 – 3.35 p.m.	Dirk Jan de Vries (Brickwork-Related Innovations in the Seventeenth and Eighteenth Century)	Stephen Buonopane (The Roeblings and the Stayed Suspension Bridge: Its Development and Propagation in 19th Century United States)	Caroline Bodolec (Uncommon public buildings with vault with abutments in the Chinese landscape of wooden construction (sixteenth-eighteenth centuries))	Vilnis Kazāks and Kārlis Kazāks (Development of a National Program for Identifying, Investigating and Preserving of ‘Endangered Handicrafts’)
3.40 – 3.55 p.m.	Lawrance Hurst (The rise and fall of the use of bond timbers in brick buildings in England)	Andreas Kahlow (Johann August Röbling (1806-1869): Early Projects in Context)	François Fleury & Alexandre Lacroix (Analysis of the sub-rafter (sous-arbalétrier) in French medieval timberworks)	Giuseppe Francesco Rociola (The “salt landscape” of Margherita di Savoia. Traditional characters and technical evolution of the coastal saltwork in relation to the development of the settlement)
4.00 – 4.15 p.m.	Gerard Lynch , David Watt and Belinda Colston (An Investigation of Hand Tools used for English Cut-and-Rubbed and Gauged Brickwork)	Mónica Silva (Foreign Iron in Venezuelan Architecture: Modern Building Technologies at the End of Nineteenth Century)	Chiara Calderini, Andrea Canziani, Sergio Lagomarsino and Daniela Pittaluga (Structural framework evolution from the 17th to 20th century in the Genoa Republic’s Shipyard. Architectural archaeology investigates the layers of the structure)	Anna Bruna Menghini (Building traditions and technical innovations in the Mediterranean. Architecture in the 1930s in Apulia: Gaetano Minnucci’s Accademia Marinara in Brindisi)
4.15 – 4.30 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
4.30 – 5.00 p.m.	BOOKFAIR OLD HALL (10-5pm) COFFEE SERVED IN OLD HALL			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
	Chair of Session – Stuart Tappin	Chair of Session – Dr. Robert McWilliam	Chair of Session – Sinclair Johnson	Chair of Session – Andrew Jackson
5.00 – 5.15 p.m.	Simon Pepper and David Yeomans (Working class flats in the 1930s: Steel versus Concrete)	Jean-Claude Croizé (A time when France chose to use prefabricated panel construction systems: the “4 000 logements de la Région parisienne” programme (1952-1958))	Lorenzo Fontana (Molding Earth Outline: Typology, Technology and Morphology of Earth Building)	Joaquín Grau and Julián García (Technological and industrial colonisation)
5.20 – 5.35 p.m.	Jeffrey Turnbull (The architecture of Walter Burley Griffin: concrete applications)	Alejandro Bernabeu Larena (Origin of the collaboration between engineers and architects in Great Britain in the thirties)	Enrico Quagliarini (Earth constructions in the Marche region (Italy): building techniques and materials)	Edmund Simons (Life on the Edge: The Rock-Cut Dwellings of Kinver Edge)
5.40 – 5.55 p.m.	Thomas Leslie (“Buildings Without Walls”: Curtain Wall Development in Chicago Architecture of the 1890s)	Federico Neder (Flying House. Archaeology of the Construction of Buckminster Fuller’s Dymaxion House)	Maria Rosaria Gargiulo and Immacolata Bergamasco (The use of earth in the Architecture of Hassan Fathy and Fabrizio Carola: typological and building innovations, building technology and static behaviour)	Maria Rita Campa (“Le nouvelles inventions pour bien bastir et a petits fraiz” by Philibert de l’Orme: a new way to conceive wood roof covering)
6.00 – 6.15 p.m.	Angus Macdonald (The aestheticisation of the steel framework: the contribution of engineering to a strand of Modern architecture that became known as High Tech)	Sonia Izquierdo (International and Universal Exhibitions; Spanish pavilions’ new building construction techniques)	Juana Font Arellano (Earthen industrial buildings in the Canal of Castilla, eighteenth and nineteenth centuries)	Elena de Ortueta Hilberath (the National Devastated Regions Service in Tarragona: Building Techniques in House Rehabilitation)
6.20 – 6.40 p.m.	André Tavares (The effects of concrete on Portuguese architecture. The Moreira de Sá & Malevez case (1906-1914))	Yvan Delemontey (The MRU Experimental Building Competitions (1947-1951): the birth of industrialised building in France)	Amparo Graciani (Notes on ‘Tapia Walls’ in Seville (Spain) During the 16th Century in the Modern Age)	Ana Marín-Palma, Antonio Trallero, Antonio López-Tercero and Eduardo García (The Hunters' lounge panelwork. The Infantado Palace in Guadalajara)
6.40 – 7.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
7.30 p.m.	Dinner/Dinner for the Scientific Committee			

Second International Congress on Construction History
Friday, 31st March 2006

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
8.45 a.m.	Congress Announcements – Dr. James Campbell			
8.50 – 9.40 a.m.	Keynote Lecture Prof. Javier Giron (Drawing and Construction Analysis: from Piranesi to Choisy)			
	Chair of Session – Malcolm Dunkeld	Chair of Session - Dr. Karl-Eugen Kurrer	Chair of Session - Dr. Hermann Schlimme	Chair of Session – Professor Simon Pepper
9.45 – 10.00 a.m.	Jonathan Clarke (Cones, not Domes: John Nash and Regency structural innovation)	Annarosa Cerutti Fusco (Giuseppe Venturoli (1768 - 1846) hydraulic engineer in the Papal State)	Deborah Robinson and Edmund P. Meade (Traditional Becomes Modern: The Rise of Collegiate Gothic Architecture at American Universities)	Luis Arciniega, Desirée Juliana and Oreto Trescolí (Representation of architecture in Hispanic construction during the Modern Age)
10.05 – 10.20 a.m.	Munidasa Ranaweera and Helarisi Abeyruwan (Materials used in the construction, conservation, and restoration of ancient stupas in Sri Lanka)	María J. Peñalver and Juan F. Maciá (Underwater Construction in the 18th century. The Royal Arsenal in Cartagena - an Extraordinary Case)	Miguel Tain-Guzmán (Fifteen Unedited Engraved Architectural Drawings Uncovered in Northwest Spain)	Paolo Bertoncini Sabatini (Antoine Chrysostôme Quatremère de Quincy (1755-1849) and the rediscovery of polychromy in Grecian architecture: colour techniques and archaeological research in the pages of "Olympian Zeus.")
10.25 – 10.40 a.m.	Bor-Shuenn Chiou (Traditional Master Carpenter's Manuals in Taiwan)	Neil Sturrock and Peter Lawson-Smith (The Grandfather of Air-Conditioning – The Work and Influence of David Boswell Reid, Physician, Chemist, Engineer (1805 – 1863)	Pedro Ignacio Alonso (Diagrams of a universal system of construction in the work of Konrad Wachsmann: between representation and technology)	Valeria Chieti (The role of the tridimensional virtual model in the “replica” project of architectural elements: the case of athenian neoclassic Academy by Th. Hansen)
10.45 – 11.00 a.m.	Randolph Langenbach (Saga of the Half-timbered Skyscraper: What Does Half-Timbered Construction have to do with the Chicago Frame?)	Emmanuelle Gallo (Jean Simon Bonnemain (1743-1830) and the Origins of Hot water Central Heating)	Antonio Brucculeri (Renewal and tradition in the teaching of building construction in the Ecole des Beaux-Arts of Paris: the course of Edouard Arnaud, 1920-1934)	Kirk E. Ranzetta (The Dating of Tobacco Barns in St. Mary's County, Maryland: Experimenting with the Archaeology of Architecture)
11.00 – 11.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
11.15 – 11.45 a.m.	Coffee			
12.00 p.m.	Congress Visits (packed lunch included)			
7.00 – 8.15 p.m.	Dinner			
8.15 – 9.15 p.m.	Keynote Lecture Valérie Nègre and Dr. Robert Carvais (The Conservatoire National des Arts et Métiers - preservation, dissemination and innovation of			

	construction know-how (1794-1970))			
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Second International Congress on Construction History

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
8.45 a.m.	Congress Announcements – Dr. James Campbell			
8.50 – 9-40 a.m.	Keynote Lecture Dr. John Ochsendorf (Engineering Analysis for Construction History: Opportunities and Perils)			
	Chair of Session – Dr. Janet Delaine	Chair of Session - Dr. Maria Voyatzaki	Chair of Session – Professor Munidasa Ranaweera	Chair of Session – Michael Tutton
9.45 – 10.00 a.m.	Elizabeth Riorden (A Hadrianic theater at Ilion (Troy): a paradigm shift for Roman building practice and its aesthetic aftermath)	Antonella Sanna (Construction and building yard in an autarchic “company town”)	Klaus Tragbar (“De hedificiis communibus murandis ...” Notes on the beginning of building regulations in medieval Tuscany)	Jörn Janssen (On Construction in the Rise of Wage Labour 1349-1563)
10.05 – 10.20 a.m.	Martin Bachmann (Divine staging. The civil engineering peculiarities of the Hittite spring sanctuary Eflatun Pınar)	Anne Conchon (Road construction in the eighteenth century France)	José Luis Cano de Gardoqui (Juan Bautista De Toledo, Architect and Master Builder at the Monastery of El Escorial (1563-1567))	Nina Baker & Andrew Agapiou (The production cycles of the Scottish construction industry, 1802-2002)
10.25 – 10.40 a.m.	Lynne C. Lancaster (Large freestanding barrel vaults in the Roman Empire: A comparison of structural techniques)	Stefania Mornati (The Montecatini Building in Milan: An Original Union Between Internationalism and Italian Constructivist Traditions)	Rainer Barthel, Helmut Maus and Matthias Jagfeld (Artistry and Ingenuity of Gothic vaults at the example of St. Georg in Nördlingen)	Jayne Rimmer (A Re-assessment of the Use of Building Accounts for the Study of Medieval Urban Houses)
10.45 – 11.00 a.m.	Marie Jackson, Cynthia Kosso, Fabrizio Marra and Richard Hay (Geological Basis of Vitruvius’ Empirical Observations of Material Characteristics of Rock Utilized in Roman Masonry)	Nicoletta Marconi (Machine and symbol: the erection of the Marian column in piazza Santa Maria Maggiore in Rome (1613-1614) between tradition in the execution and technical progress)	Eyas Al-Khateeb & David Wendland (A flat vault in the "Crac des Chevaliers" and some considerations on the development of vault geometry and stereotomy in mediaeval masonry) structures in Syria	Laura Giacomini (The Management of Private Building Yards in Milan between 1550 and 1650: a History Reconstructed through Building and Supply Contracts)
11.00 – 11.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
11.15 – 11.45 a.m.	Coffee			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
	Chair of Session – Michael Heaton	Chair of Session – Professor Richard Cleary	Chair of Session - Dr. Klaus Tragbar	Chair of Session – Lawrence Hurst
11.45 – 12.00 p.m	Jason Wood (The defences at Saint-Bertrand-de-Comminges: some observations on the mechanics of the late Roman building trade)	Hans-Ulrich Jost (The Introduction of Reinforced Concrete in Switzerland (1890-1914) : Social and Cultural Aspects)	Stéfan Gouzouguec and Thomas Rapin (Architecture in Paris in the second half of the 14th century. The Middle Ages seen through the eyes of accountants)	Christopher Powell (Genesis of a General Contractor: a Georgian Vernacular Builder Transformed)
12.05 – 12.20 p.m.	José Luis González (The Square Cube Law: From Vitruvius to Gaudi)	Rafael García (Concrete folded plates in The Netherlands)	Pieter Martens (Construction and destruction of military architecture in the mid-16th-century Low Countries: some observations on labour force)	Dirk Van de Vijver (“Mesurer la solidité”. The art of measuring buildings in Belgium, 1451-1960)
12.25 – 12.40 p.m.	Simona Coccia, Mario Como, Maria L.Conforto and Ugo Ianniruberto (Historical Static Analysis of the Coliseum)	Annalisa Giglio (The decorative use of concrete in an “other” modernism: the Italian architecture of Dodecanese (1912-1943))	José Calvo López (Sixteenth-Century Spanish Cranes and Lázaro de Velasco’s translation of Vitruvius)	Sara E. Wermiel (Norcross, Fuller, and the Rise of the General Contractor in the United States in the Nineteenth Century)
12.45 – 1.00 p.m.	Maria Teresa Como (Analysis of the Statics of the Mycenaean Tholoi)	Anaya Jesús, Azpilicueta Enrique and Cassinello Pepa (Historical Patents/Evolution of the Architecture of Century XX Constructed with Reinforced and Prestressed Concrete)	Cristina Sanjust i Latorre (The Construction of the Royal Monastery of Santa Maria de Pedralbes (Barcelona))	Flaminia Bardati (A building site in early Sixteenth-Century Normandy: the castle of Gaillon. Organization, workers, materials and technologies)
1.00 – 1.15 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
1.15 – 2.00 p.m.	Lunch			

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
		Chair of Session – Dr. Sara E. Wermiel	Chair of Session – John Vignoles	Chair of Session – Dr. Holger Eggemann
2.00 – 2.15 p.m.	Construction History Society Annual General Meeting	Tullia Lori (Engineers in Italian architecture: the role of reinforced concrete in the first half of the twentieth century)	Barbara Cipriani and Wanda W. Lau (Construction Techniques in Medieval Cairo: the Domes of Mamluk Mausolea (1250 A.D.-1517A.D.))	Karl-Eugen Kurrer (On the relationship between construction engineering and strength of materials in Gerstner's "Handbook of Mechanics")
2.20 – 2.35 p.m.		Alexander Kierdorf (Early Mushroom Slab Constructions in Switzerland, Russia and the U.S. A Study in Parallel Technological Development)	Giulia Cantabene, Liana Dodaro and Maria Lippiello ("The repairs to the dome of the Chapel of St. Gennaro's Treasure": an Eighteenth Century dispute between F. Sanfelice and G. Lucchese)	Alberto Sanjurjo (The vis Saint Gilles quarrée or the caracol de emperadores cuadrado: a model frequently encountered in Spanish-French architectural treatises from the Modern Period)
2.40 – 2.55 p.m.		Donald Friedman (Building Code Enforced Evolution In Early Skeleton Buildings)	Gema M. López (Poleni's manuscripts about the dome of Saint Peter's)	Massimo Corradi (A Short Account of the History of Structural Dynamics between the 19th and 20th Centuries)
3.00 – 3.15 p.m.		Joaquín Antuña (The evolution of the Eduardo Torroja work's: shells with reinforcement rings or without)	Irene Giustina, Elide Tomasoni and Ezio Giuriani (The Early Dome of Sant' Alessandro in Milan (1627): a First Study on the Behaviour of the Structural Core with Dome Resting on Four Free-Standing Pillars)	João M. Mateus (The science of fortification in Malta in the context of European architectural treatises and military academies)
3.15 – 3.30 p.m.		Questions and Answers	Questions and Answers	Questions and Answers
3.30 – 4.00 p.m.		Coffee		

Second International Congress on Construction History

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
	Chair of Session – Professor Myron Stachiw	Chair of Session – Nicholas Janberg	Chair of Session – Professor Irene Giustina	Chair of Session – Dr. Hentie Louw
4.00 – 4.15 p.m.	Åsa Ringbom, John Hale, Jan Heinemeier, Alf Lindroos and Fiona Brock (Mortar dating in Medieval and Classical Archaeology – Part 1)	Holger Eggemann (Simplified design of composite columns – based on a comparative study on the development of building regulations in Germany and the United States)	Ignacio Arce (Umayyad Arches, Vaults & Domes: Merging and Re-creation. Contributions to Early Islamic Construction History)	Loredana Ficarelli (Town morphology: the relationship between form and building. Preservation and recovery of dwelling houses in historical centres and in particular the double-reservoir building type of Corato (Bari))
4.20 – 4.35 p.m.	Ignacio González-Tascón, Isabel Bestué Cardiel and Isabel Velázquez (The organization of building work and construction of siphons in Roman aqueducts in Hispania)	Bernhard Heres (The iron roof trusses of the New Hermitage in St. Petersburg - Structural Survey, analysis and assessment of a masterpiece of structural steelwork from the 1840s)	Rafael Soler, Arturo Martinez and Adolfo Alonso (The eighteenth century brickwork domes in Valencia)	Matthias Beckh (Traditional construction techniques of the Newars at the example of Itum Baha monastery in Kathmandu)
4.40 – 4.55 p.m.	Anne Haseley (Masonry construction in Olympia, Greece, during the Roman Imperial Period – Mapping, Classification and Dating)	Michael Mende (The Crucial Impact of Improvements in Both Steelmaking and Rolling on 19th and Early 20th-Century Building Construction)	Remo Pedreschi (The Structural Behaviour and Design of Free-Standing Barrel Vaults of Eladio Dieste)	Francesco Abbate (The planning and building instruments of architects in the late Middle Ages)
5.00 – 5.15 p.m.	Camilla Mileto, Fernando Vegas and Juan Antonio García (Stratigraphic Study of Hernando De Zafra Arab Baths in Granada (Spain))	Dario Gasparini (The Prestressing of Structures)	Rosa Bustamante (Similarities and Differences in Barrel Vaults of Traditional and Stately Houses in the Historic Centre of Arequipa, Perú)	Jan Pieper and Bruno Schindler (Concept and Reality. Different technical variations of the geometrical construction of Maulnes castle)
5.15 – 5.30 p.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
7.00 – 8.00 p.m.	Drinks before Congress Banquet in the Old Hall			
8.00 p.m.	Congress Banquet			
9.30 p.m. onwards	Musical Evening (Bar) ‘Songs from the sites - The Music of the Navvies’. A musical presentation by Irish author and historian Ultan Cowley, based on his best-selling book ‘ <i>The Men Who Built Britain: a History of the Irish Navy</i> ’. Ultan is the son of the late John Cowley, star of RTE’s much loved TV series <i>The Riordans</i>			

Second International Congress on Construction History

Sunday, 2nd 2006

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	Fitzpatrick Hall	Bowett Room	Armitage Room	Erasmus Room
8.50 a.m.	Congress Announcements – Dr. James Campbell			
9.00 – 10.00 a.m.	Keynote Lecture Professor Paul Richens (Reconstructing the built past: the role of computer simulation)			
	Chair of Session – Dr. Hentie Louw	Chair of Session Professor Mark Swenarton	Chair of Session – Eric Delony	Chair of Session – Dr. Janet Wood
10.00 – 10.15 a.m.	Sergej G. Fedorov (Construction History in the Soviet Union - Russia: 1930-2005 Emergence, Development and disappearance of a Technical Discipline)	Partice Godier and Guy Tapie (The Contemporary French Model of Architecture and Construction Professions (1970-1990))	Roberto Malvezzi, Claudio Alessandri & Vincenzo Mallardo (On the seismic vulnerability of a Renaissance “palace with loggia”: a limit analysis approach)	Luca Guardigli (Ildebrando Tabarroni ingegnere. Construction in Bologna between the Two World Wars)
10.20 – 10.35 a.m.	Joël Sakarovitch (Construction History and Experimentation)	Ebru Yilmaz (Using Constructional Records as Alternative Sources For Historical Writing)	Miquel Àngel Chamorro and Beatriu Cuenca (Ignasi Bosch Reigt (1910 - 1985). The construction of brick vaults during the post-war period)	Luc Tamborero (The “Vis Saint-Gilles”, symbol of compromise between practice and science)
10.40 – 10.55 a.m.	Hiroshi Isohata (Construction History in Education - Why and how it should be learned)	Cristina Gonzalez-Longo (Giacomo Boni at the Museo Forense: Construction history as a source for architectural innovation)	Carla Maria Amici (The Basilica of Maxentius in Rome: Innovative Solutions in the Organisation of Construction Process)	Shane Ewen (The problem of fire in nineteenth century British cities: the case of Glasgow)
11.00 – 11.15 a.m.	Maria Voyatzaki (Construction history in the architectural curricula in Europe)	Gabri van Tussenbroek ('To Provide the Old Church with Good Foundations to Prevent Subsidence'. Builders' Specifications in Amsterdam)	Maria de los Angeles Utrero Agudo (Reinforcement in Early Medieval Hispanic Architecture)	John Guy (Building Construction Practice in the Colony of New South Wales from the Arrival of the First Fleet to the End of the Primitive Era and its influence in later time)
11.15 – 11.30 a.m.	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers
11.30 – 12.00 p.m.	Coffee			
12.00 – 1.30 p.m.	The Nature and Scope of Construction History: Open Floor Discussion – Chair Robert Thorne			
1.30 – 2.00 p.m.	Farewell Address – Professor Jacques Heyman			

2.00 p.m.

End of Congress