THE CONSTRUCTION HISTORY SOCIETY

FOURTH CONFERENCE AND AGM 2017

VENUE: QUEENS’ COLLEGE, CAMBRIDGE
DATE: 7-9 APRIL 2017

Visit: www.constructionhistory.co.uk/home for further details

Contact Dr James Campbell: e: chs@aha.cam.ac.uk

www.constructionhistory.co.uk
Friday 7 April
DAY ONE

8.00 - 9:00  BREAKFAST - Cripps Dining Hall (only for those staying overnight in college)

09.00  REGISTRATION DESK OPEN FOR NEW ARRIVALS

9.30  James Campbell - Welcome  
FITZPATRICK HALL

10.00 – 10.45 PARALLEL SESSIONS (1 & 2)
Session 1:  Training  
FITZPATRICK HALL

Richard Hayes  
Teaching Building: Practical Training at the Architectural Association during the Post-War Years

Sarah Melsens, Priyanka Mangaonkar-Vaiude, Inge Bertels  
The emergence and impact of vocational training in the building trades in Pune (India): an analysis of three institutes

Session 2: Wittgenstein’s Hut  
BOWETT ROOM

Harald Røstvik  
Reconstructing Ludwig Wittgenstein’s house in the “quiet seriousness” of Skjolden, Norway

10.45 - 11.00  BREAK
Tea, Coffee, and Biscuits served in the College Bar

11.00 – 1:00  PARALLEL SESSIONS (3 & 4)
Session 3: 20th Century  
FITZPATRICK HALL

Marisela Mendoza  
Construction of the 21 hyperbolic paraboloid concrete shells to roof the Queensgate Market Hall, Huddersfield.

Linsey Raafels, Inge Bertels, Stephanie Van de Voorde  
Constructive Experiments in Architects’ Houses. The Case of Louis Herman De Koninck’s House in Brussels

Stefania Mornati  

Iva Stroyanova  
Disappearing tobacco warehouses in Plovdiv: building technology and an important legacy

Session 4: Repair & Craftsmanship  
BOWETT ROOM

Matthias Garn  
The Clay Tile Repair: Form, Function and Value

John Gelder  
Comparing ‘as documented’ with ‘as excavated’ in Ancient Egypt.

Mattias Halgren, Gunnar Almevik  
The Craftsmanship in Construction and Transformation of Historic Campaniles

Silvia Alberti  
Construction aspects of the church of Santa Lucia in Cagliari (Italy)

1.00-1.30 LUNCH  
Cripps Dining Hall
PARALLEL SESSIONS (5 & 6)

1.30 – 3.15

Session 5: **Ireland and the Irish**
Fitzpatrick Hall

- **Dermot O’Dwyer, Ronald Cox**
  *George Semple and the Construction of St. Patrick’s Hospital Dublin (1749-1753)*

- **Michael Mulvey**
  *‘Digging for Gold’: Irish Immigrant Entrepreneurs in the Post-war Reconstruction of London*

- **Shirley Markley**
  *Filling the Void – Earth Mortared Masonry Buildings; Unearthing Ireland’s Medieval Settlement Record*

- **Elizabeth Shotton**
  *Port Oriel: God’s Own Dock, or Abomination? The Shifting Value Systems of Civil Engineers*

Session 6: **Archaeology**
Bowett Room

- **Marina Döring-Williams, Luise Albrecht**
  *The Kufic Inscription Of The Maiden Tower In Baku. Building Processes Indicating The Date Of Construction*

- **Aturs Lapins**
  *Cesis Castle, Latvia: Historical Techniques in the Medieval Structural Ceramics Revealed*

- **Gudrun Styhler-Aydin, Marina Döring-Williams**
  *The Fortification Walls of Hisn al-Bah on the Southern border of Egypt: An Analysis of Structures and Building Techniques*

- **Louisa Matthews, Julian D. Richards**
  *Built Legacy: Digital Preservation of Historic Building and Structure Recording*

3.15- 3.30 BREAK
Tea, Coffee, and Biscuits served in the College Bar

3.30 – 5.15 PARALLEL SESSIONS (7 & 8)

Session 7: **Regulation and Contracting**
Fitzpatrick Hall

- **Stephanie Van de Voorde, Sabine Kuban, David Yeomans**
  *Early Regulations and Guidelines On Reinforced Concrete in Europe (1900-1950). Towards An International Comparison*

- **Jelena Dobbels, Inge Bertels and Ine Wouters**
  *The Belgian General Contractors’ Struggle For Legal Recognition*

- **Johan Ericsson**
  *Procuring School Buildings: The Case of Uppsala, Sweden 1870-1970*

- **Will MacLean**
  *Building with Glass: Tim Macfarlane and the Development of Glass as a Load-bearing Structural Element*

Session 8: **Materials**
Bowett Room

- **Karl Magnus Melin**
  *Techniques of cleaving wood with an axe and mallet–Deconstructing present craft knowledge, in order to reconstruct historic.*

- **Chris How**
  *An early use of the ‘Oliver’ in Nail Production*

- **John McGuiness**
  *Early concrete housing in Maidenhead and elsewhere in The British Isles*

- **Mairo Rinke**
  *The domes of the University of Zurich and the SUVA head quarter in Lucerne – early glulam construction in Switzerland*

5.30 – 6.30 KEYNOTE ADDRESS
Fitzpatrick Hall

**Luke Hughes**
*Baltic Timber Trade and Prefabricated Panelling in the 17th Century*

6.30 - 7.30 FREE EVENING TO EXPLORE CAMBRIDGE (**DINNER NOT INCLUDED**, but food available from cafeteria at cost - pay at checkout)

Organising Committee Dinner
Saturday 8 April
DAY TWO

8.00 - 9:00  BREAKFAST - Cripps Dining Hall (only for those staying overnight in college)

09.00  REGISTRATION DESK OPEN FOR NEW ARRIVALS

9.15  James Campbell - Introduction to Day Two
FITZPATRICK HALL

9.30 – 11.15  PARALLEL SESSIONS (9 & 10)

Session 9:  Vaulting
FITZPATRICK HALL

Alex Buchanan, Nick Webb
Tracing Tiercerons: an evaluation of the significant properties of thirteenth and fourteenth-century tierceron vaults in England

Guilia Chemoli
The Österreichischer Ingenieur- und Architekten-Verein’s tests on vaults 1890-1895.

David Wendland, Frédéric Degenève
How to order fitting components for looping ribs: Design procedures for the stone members of complex Late Gothic vaults

Session 10: 19th Century Contracting
BOWETT ROOM

Bernard Espion
The beginnings of the Blaton company: from the trade of construction materials to established contractor in Belgium, 1865-1914

Marianne de Fossé, Inge Bertels, Inc Wouters
The choice of construction materials in historic urban warehouses in Antwerp and Brussels

Sabin Kuban
The introduction of reinforced concrete in Berlin - a close reading of historic statistical data

11.15 – 11:30  BREAK
Tea, Coffee, and Biscuits served in the College Bar

11.30 – 12.00  ANNUAL GENERAL MEETING
Construction History Society AGM

12.00 - 1.00  ANNUAL LECTURE

Tom F. Peters
Culture, Construction and Bridge Building:
Western and Chinese traditions in construction technology

1.00 - 2.00  LUNCH  Cripps Dining Hall
2.00 – 3.45  |  PARALLEL SESSIONS 11 & 12

**Session 11:**  |  **Session 12:**
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**Carpentry and Roofs**  |  **Twentieth Century**
Fitzpatrick Hall  |  Bowett Room

James Campbell  |  Rika Devos
*Three 17th century Oxford Roofs*

Louis Vandenabeele, Inge Bertels, Inc Wouters  |  *Building prestige: Victor Horta’s Palais des Beaux-Arts (1922-8) as Blaton’s breakthrough for building in reinforced concrete in Belgium*


Romain Wibaut, Inc Wouters, Thomas Coomans  |  Rosella Putzolu
*Construction Of Church Roofs In The Brussels Capital Region, 1830-1930: Ahead Of Technology*

Francois Calame, Andy Hyde  |  *The Monteponi Society: a mining Company that changed a territory.*

Nicolas Fourneau - Master carpenter and author of the first treatise on geometrical carpentry drawing.  |  Vladimir Ladinski

Laura Greco  |  *Residential Construction following the 1963 Skopje Earthquake*

Rika Devos  |  
*Building prestige: Victor Horta’s Palais des Beaux-Arts (1922-8) as Blaton’s breakthrough for building in reinforced concrete in Belgium*

4.00 – 4.30  |  **Break**
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Tea, Coffee, and Biscuits served in the College Bar

4.30 – 5.30  |  PARALLEL SESSIONS 13 & 14

**Session 13:**  |  **Session 14:**
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**International Reports**  |  
Fitzpatrick Hall

Short reports on the status of Construction History in Belgium, France, Germany, Italy, Spain, USA and Portugal.

Chair: James Campbell  |  
Contributors: Santiago Huerta, Robert Carvais, Antonio Becchi, Herman Schlimme, Bernard Espion, Tom Leslie

5.30 – 6.00  |  **Break**
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Tea, Coffee, and Biscuits served in the College Bar

6.00 – 7.00  |  **MSt in Building History Annual Lecture**
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**Fitzpatrick Hall**  |  

**Marliyn Palmer**

*Technology in the Country House*

7.00 – 7.30  |  **Break**
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Drinks in bar - time to change

7.30  |  **Drinks Reception**  |  Old Kitchens

8.00 – 10.00  |  **Gala Dinner**
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Old Hall (for those that have booked). Dress smart casual

9.30 – 11.00  |  **College Bar**
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Open for After Dinner Drinks
Sunday 9 April  
DAY THREE (Visits)  

8.00 - 9:00  **BREAKFAST** - Cripps Dining Hall (only for those staying overnight in college)  
            (Business breakfast for Heads of International Organisations in the Armitage Room)  

10.00  Check out of rooms - leave bags at Porter's Lodge if necessary  

11.00  Coach leaves for Ely (from Queens' Road behind Queens')  

12.00  

**VISIT TO THE OCTAGON ROOF OF ELY CATHEDRAL**  

14.30  Depart Ely  

14.45  Ely Station drop off for those wishing to catch train to Stansted Airport/London  
            (train to London via Cambridge dep. 1458, arr. Cambridge 1515, arr. London Kings Cross/St Pancras 1609,  
            connecting with train to Stansted Airport (dep. Cambridge 1524 arr. Stansted 1600)  

16.00  Return to Queens'  
            (Public Bus to Heathrow from bus station departs 1720 arrives Heathrow 1945)