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*

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*

1.00-1.30  **LUNCH**  Cripps Dining Hall
1.30 – 3.15  PARALLEL SESSIONS (5 & 6)

Session 5:  
**Ireland and the Irish**  
FITZPATRICK HALL

Dermot O’Dwyer, Ronald Cox  
*George Scaple 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*

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**  
FITZPATRICK HALL

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*

5.30 - 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

Frederica Ottoni
Historical analysis of the construction of masonry domes, between empiricism and Art of building

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, Ine 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: **Carpentry and Roofs**  
FITZPATRICK HALL

James Campbell  
*Three 17th century Oxford Roofs*

Louis Vandenabeele, Inge Bertels, Ine Wouters  
*The Timber Roof Of The Gothic Revival Broodhuis (Brussels, 1873-1895): Design, Construction And Collaboration*

Romain Wibaut, Ine Wouters  
*Construction Of Church Roofs In The Brussels Capital Region, 1830-1930: Ahead Of Technology?*

Francois Calame, Andy Hyde  
*Nicolas Fourneau - Master carpenter and author of the first treatise on geometrical carpentry drawing.*

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

Laura Greco  
*The rehabilitation of the Mirafiori factory in Turin. The case of the northern extension of the Officine Principali by Nervi & Bartoli (1954-1955)*

Rosella Putzolu  
*The Monteponi Society: a mining Company that changed a territory.*

Vladimir Ladinski  
*Residential Construction following the 1963 Skopje Earthquake*

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

4.30 –5.30  **PARALLEL SESSIONS 13 & 14)**  
Session 13: **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**  
Tea, Coffee, and Biscuits served in the College Bar

6.00 - 7.00  **MSt in Building History Annual Lecture**  
FITZPATRICK HALL

Marliyn Palmer  
*Technology in the Country House*

7.00 - 7.30  **BREAK**  
Drinks in bar- time to change

7.30  **DRINKS RECEPTION**  
Old Kitchens

8.00 - 10.00  **GALA DINNER**  
Old Hall (for those that have booked). Dress smart casual

9.30 - 11.00  **COLLEGE BAR**  
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)