

**Third Annual  
Construction History Society  
Conference**

Draft

**Programme**

**Queens' College,  
University of Cambridge**

**8 April - 10 April 2016**

**Friday 8 April**  
**DAY ONE**

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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 – 11:00 PARALLEL SESSIONS (1 & 2)

Session 1: **Light and Sound**  
FITZPATRICK HALL

**Dean Hawkes**  
*The Environment of the Elizabethan House:  
Hardwick Hall*

**Fiona Smyth**  
*Fine-tuning and Demolition: the First Acoustics  
Laboratory at Britain's Building Research Station*

Session 2: **Bricks**  
BOWETT ROOM

**Michael Tutton**  
*Brick Staircases: the Rye House Group and Beyond*

**Claudio Mazzanti**  
*A multidisciplinary study on the exposed brick walls of the  
baroque architecture of Penne in Italy.*

11.00 - 11.30 BREAK

Tea, Coffee, and Biscuits served in the College Bar

11.30 - 1.00 PARALLEL SESSIONS (3 & 4)

Session 3: **Concrete and Steel Frames**  
FITZPATRICK HALL

**Jonathan Clarke**  
*The exception, not the norm: pre-1940 concrete-  
framed commercial offices in England*

**Marc Sanabra-Loewe**  
*Why Did Modern Post-Tensioned Floors Flourish  
In The US and not in Europe –a Matter of  
Tradition?*

**Stefania Mornati**  
*Building Technology and Corporate Image: a case  
study of ENI*

Session 4: **Greco-Roman Construction**  
BOWETT ROOM

**Shaher Rababeh & Rama Al Rabady**  
*Stone Architecture: Stone Dressing in Petra, Jordan*

**Rossana Mancini**  
*Some considerations on Roman building techniques in the early fifth  
century AD*

**Carla Amici**  
*The Roofing System of the Tripartite Building at  
Hadrian's Villa, Tivoli (Italy)*

1.00-2.00 LUNCH Cripps Dining Hall

2.00 - 3.00 **KEYNOTE ADDRESS**  
FITZPATRICK HALL

**Professor Tom Leslie**  
*Chicago Construction (Title and exact subject to be confirmed)*

3.00 – 4:00 PARALLEL SESSIONS (5 & 6)

Session 5: **18<sup>th</sup> and 19<sup>th</sup> centuries**  
FITZPATRICK HALL

**Michael Heaton**  
*'Spolia Britannica' The historical use of salvaged materials in the Britain*

**F. J. Pérez de la Cruz, J. García León, C. Díaz García, & A. Trapote Jaume**  
*An English Company's Role in the 19<sup>th</sup> Century Water Supply to Cartagena*

**Virginia Flores-Sasso**  
*Timbers, palm boards and construction materials at eighteenth and nineteenth century's architecture in Dominican Republic*

Session 6: **Plaster, Gypsum & Nails**  
BOWETT ROOM

**Chris How, Caroline Bolle, Jean-Marc Léotard, & Arturs Lapin**  
*The Medieval bi-petal head nail*

**Tiffanie Le Dantec**  
*Plaster of Paris facades in Ile-de-France*

**Vincenzina La Spina; Fernando Vegas, & Camilla Mileto**  
*Gypsum in the Spanish Levant*

4.00 - 4.30 BREAK

Tea, Coffee, and Biscuits served in the College Bar

4.30 – 6:30 PARALLEL SESSIONS (7 & 8)

Session 7: **Domes and Vaults**  
FITZPATRICK HALL

**David Wendland**  
*Load Bearing Matters: Considerations on Geometrical and Structural Design in Late Gothic Vaults*

**D.Capecchi & D.Tocci**  
*Three technical reports of R.G. Boscovich on the statics of domes*

**Costa Jover, J. Lluís i Ginovart, S. Coll Pla, & A. Ferré Jover**  
*The construction-deconstruction process of the Cathedral of Tortosa*

**Antonio Ampliato**  
*The Church Of Santa María In Carmona (Seville, Spain) In The Second Half Of The 15th Century.*

Session 8: **20<sup>th</sup> century Building Industry**  
BOWETT ROOM

**Jelena Dobbels**  
*The professionalization of Belgian general contractors (1877-1914): an analysis of the construction journal La Chronique des Travaux Publics, du Commerce et de l'Industrie*

**Sarah Melsens, P. Mangaonkar-Vaiude, Y. Joshi**  
*Architect- Entrepreneurs In Post- Independence Pune (India)*

**Laura Greco**  
*Motels: Building techniques and architectural features of the Italian repertoire (1954-1969)*

**Javiez Muñoz Fernández**  
*Home delivery: English temporary prefabricated housing in Bilbao: the testing of a new construction system in 1947*

6.30 - 7.30 FREE EVENING TO EXPLORE CAMBRIDGE (NO DINNER PROVIDED, BUT FOOD AVAILABLE FROM CAFETERIA AT COST - PAY AT CHECKOUT)

7.30 - 11.00 COLLEGE BAR OPEN

**Saturday 9 April**  
**DAY TWO**

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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 – 11.00 PARALLEL SESSIONS (9 & 10)

Session 9: **Theory and Knowledge**  
FITZPATRICK HALL

**Bill Addis**  
*Following the traces of engineers: but the traces of what?*

**Andrew Rabeneck**  
*The Place Of Knowledge In Construction*

**Louis Vandenaabeele**  
*From De L'Orme To Hetzer*

Session 10: **Medieval Walls**  
BOWETT ROOM

**Ignacio-Javier Gil-Crespo**  
*Wooden reinforcing chains in the Spanish medieval fortification*

**Alicia Sainz Esteban**  
*The walls in 'Comunidades de Villa y Tierra' - Segovia*

**S. Tonna and C. Chesi**  
*Earthquake resistant systems in traditional masonry construction*

11.00 - 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**  
FITZPATRICK HALL

**Professor Tom Peters**  
*Culture, Concept and Bridge Building:*  
*Western and Chinese traditions in construction technology*

1.00 - 2.00 LUNCH Cripps Dining Hall

2.00 –3.30 PARALLEL SESSIONS 11 & 12)

Session 11: **Social History of Building**  
FITZPATRICK HALL

**Inge Bertels**  
*Photographical albums featuring Belgian construction sites*

**Ronald Cox and Dermot O'Dwyer**  
*Engineering Education in Trinity College Dublin in 1842*

**Nina Baker**  
*Is the Scottish construction industry different?*

Session 12: **Roofs**  
BOWETT ROOM

**Caterina Carocci & C.Tocci**  
*The Julius Caesar's Hall in Palazzo Senatorio in Campidoglio. Notes on the 19<sup>th</sup> century construction-site*

**Iva Stoyanova**  
*The Roof of the Gallery Vittorio Emanuele II in Milan: Reconstructing the Original Building Technology*

**R. Romero Medina & M. Romero Bejarano**  
*Traces And Architects in The 16th Century Architecture of Spain: The Case Of Hernan Ruiz in Jerez De La Frontera*

3.30 - 3.45 BREAK

Tea, Coffee, and Biscuits served in the College Bar

3.45 –5.45 PARALLEL SESSIONS 13 & 14)

Session 11: **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

Session 12: **Building Systems**  
BOWETT ROOM

**William McLean**  
*Building with Air: The Pneumatically Powered Construction  
Systems of Dante Bini*

**David Yeomans**  
*Better than Bucky: 'domes' for sports halls*

**Stephanie va de Voorde**  
*Glass and Glazing in Post-War Belgium (1945-70). The rise  
of Double Glazing.*

5.45 - 6.00 BREAK

Tea, Coffee, and Biscuits served in the College Bar

6.00 - 7.00 **MST IN BUILDING HISTORY ANNUAL LECTURE**  
FITZPATRICK HALL

**Dr Simon Bradley**  
*St Pancras Station: Architecture and Engineering*

7.00 - 7.30 BREAK Drinks in bar- time to change

7.30 **FORMAL DRINKS RECEPTION** Old Kitchens (for those going to the dinner)

8.00 - 10.00 **FORMAL GALA DINNER** Old Hall (for those that have booked)

9.30 - 11.00 COLLEGE BAR Open for After Dinner Drinks

**Sunday 10 April**  
**DAY THREE (Visits)**

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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)

**COACH TRIP CRESSING TEMPLE (MEDIEVAL WOODEN BARN)**  
**AND ST ANDREW GREENSTED (MEDIEVAL TIMBER CHURCH)**  
**INCLUDED IN PRICE OF CONFERENCE**

9.20            Coach Departs Queens'

CRESSING TEMPLE BARN

10.30          Arrive Cressing Temple

12.30          Lunch at Tiptree Café on site (please purchase your own lunches)

13.30          Depart Cressing Temple

14.00          Drop off at Stansted Airport for early departures by air or rail (trains to London Liverpool St every 15 minutes, at 0, 15, 30 and 45 minutes past the hour)

ST ANDREW, GREENSTED

14.30          Arrive Greensted

15.10          Depart Greensted for Ongar (1.5 miles, 6 minutes)

15.20          Drop-off at Ongar Station (Epping Ongar Railway (<http://eorailway.co.uk/>) – connection departs 15.30 via vintage rail and vintage bus to Epping (arr. 16.12); then via London Underground (Central Line) for central London). Please verify your own travel arrangements if selecting this option.

RETURN TO CAMBRIDGE

16.20          Drop off at Wolfson

16.30          Drop off at Queens'

16.40          Drop off at Cambridge Station