

**Third Annual
Construction History Society
Conference**

Draft

Programme

**Queens' College,
University of Cambridge**

8 April - 10 April 2016

Friday 8 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 – 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
*The First Acoustics Laboratory at Britain's Building
Research Station*

Session 2: **Bricks**
BOWETT ROOM

Michael Tutton
Medieval Brick staircases

Claudio Mazzanti
Brick walls of the baroque architecture of Penne

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
*Pre-1940 concrete-framed commercial offices in
England*

Marc Sanabra-Loewe
*Why Did Modern Post-Tensioned Floors Flourish
In The US?*

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 Edificio Tripartito – Vila Adriana

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: **18th and 19th centuries**
FITZPATRICK HALL

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

Javier Perez de la Cruz
The water supply to Cartagena in the 19th century

Virginia Flores-Sasso
Timbers, palm boards and construction materials in eighteenth and nineteenth century architecture in the Dominican Republic

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

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

Tiffanie Le Dantec
Plaster of Paris façades in Ile-de-France

Chris How, Caroline Bolle & Jean-Marc Leotard
The Medieval bi-petal head nail

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

Danilo Capecchi & Cesare Tocci
Three technical reports of R.G. Boscovich on the statics of domes

Agusti Costa
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: **20th century Building Industry**
BOWETT ROOM

Jelena Dobbels
The professionalisation of Belgian General Contractors

Sarah Melsens, Priyanka Mangaonkar-Vaiude, & Yashoda Joshi
Architect- entrepreneurs in post- independence Pune (India)

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

Francisco Javier Muñoz
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

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 Spanish medieval fortification

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

Caterina Carocci & Cesare Tocci
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
The Julius Caesar's Hall in Palazzo Senatorio in Campidoglio. Notes on the late nineteenth century construction-site

Iva Stoyanova
The roof of the Gallery Vittorio Emanuele II in Milan: reconstructing the original building technology

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
The success story of Thermopane

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)

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 BARNs)
AND ST ANDREW GREENSTED (MEDIEVAL TIMBER CHURCH)
INCLUDED IN PRICE OF CONFERENCE

9.20 Coach Departs Queens'

CRESSING TEMPLE BARNs

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