SIXTH ANNUAL CONFERENCE & AGM

DAY ONE: WATER AND GENERAL THEMES IN CONSTRUCTION HISTORY
DAY TWO: GENERAL PAPERS

5-7 April 2019
QUEENS’ COLLEGE, CAMBRIDGE

www.constructionhistory.co.uk
Friday 5 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

9.45 – 10.45 PARALLEL SESSIONS (1 & 2)
Session 1: The use of Water in Construction
FITZPATRICK HALL
SESSION CHAIR:
John Gelder
Ptechai and Ompos: Two ancient Greek drainage contracts compared

Pilar Sanchez Cid
Sterilization and Filter House in Coruña, Spain (1900-1925): an example of early drinking water treatment buildings

Simona Colajanni
The effect of Water on passive cooling systems in the Arab-Norman architecture of the Zisa Palace in Palermo

Session 2: Construction Details
BOWETT ROOM
SESSION CHAIR:
Chris How
Historic ‘Magic’ Nails: Their typologies and their ritual uses

Linsy Raaffels
The construction details of Lucien-Jaques Baucher’s personal residence (Brussels, 1965-66): collaboration with René Sarger and specialised craftsmen

Andrew Rabeneck
Thomas Edison and Modern Construction: the longue durée of the Long Kiln

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

11.00 – 12:15 PARALLEL SESSIONS (3 & 4)
Session 3: Historic Water Management
FITZPATRICK HALL
SESSION CHAIR:
Stefan Holzer
The Ludwig-Donau-Main canal in Bavaria (1836–47)

Raimund Mair, Christiane Weber
Lechmeister and Brunnenmeister – the men behind the historical water management in Augsburg, Germany

Amy Boyington, James Campbell
The Influence of the de Caus brothers on Hydraulic Engineering and Fountain Design in Seventeenth-Century England

Angelas Santos
Nineteenth-century Water books and their use in understanding the irrigation systems of villages in Galicia

Session 4: Mechanisation, Industrialisation
BOWETT ROOM
SESSION CHAIR:
Frederik Vandyck
On the architecture, use and embedding of small-scale construction workshops in Brussels Capital Region (1894-1969)

Mario Rinke
Mechanization and early hybrid material use in glulam construction – The tram depot in Basel from 1916

Roberta Lucente, Laura Greco
Building Industrialization and aesthetic research in the Esso and SGI headquarters in EUR (Rome) by Luigi Moretti and Vittorio Ballio Morpurgo (1960-66)

Tony Presland
The Power and Glory: A Study of John Laing & Son Limited through its Photographic Archive

12.30-1.30 LUNCH Cripps Dining Hall
1.30-2.30  **KEYNOTE ADDRESS**  
Fitzpatrick Hall

**Professor Andreas Kahlow**

*Engineering the Fountains of the Sanssouci Palace*

2.30-3.30 **PARALLEL SESSIONS (5 & 6)**

**Session 5:**  **Construction in Water**  
Fitzpatrick Hall  
**SESSION CHAIR:**

**Cesare Tocci**  
*Building on water and the Modern State. Eighteenth century foundation techniques in the fortifications of Alessandria.*

**Lukas Stampfer**  
*From Plant To Turf: Determining qualities at the intersection between pedology, botany and building construction*

**Yunlian Chen**  
*The Harbour Construction Process and the Port System of Trading Ports in the Modern East Asia*

3.30-4.00 **BREAK**  
Tea, Coffee, and Biscuits served in the College Bar

4.00-5.15 **PARALLEL SESSIONS (7 & 8)**

**Session 7:**  **In-house Water supply**  
Fitzpatrick Hall  
**SESSION CHAIR:**

**John McGuiness**  
*Some drainage and sanitary provisions for 19th/early 20th century British housing*

**Manfredi Saeli**  
*Public wash-houses in the nineteenth and twentieth centuries. Architectural solutions for social hygiene in Italy and Portugal*

**Harald Røstvik**  
*Water supply - the Wittgenstein way*

**Mike Heaton**  
*Watermeadows: The Largest Works of Civil Engineering in the Pre-Modern World?*

5.30-6.30 **KEYNOTE ADDRESS**  
Fitzpatrick Hall

**Mike Chrimes**

*Water Preservation: The Challenges of Preserving Historic Dams*

6:30- **FREE EVENING TO EXPLORE CAMBRIDGE (DINNER NOT INCLUDED, BUT FOOD AVAILABLE FROM CAFETERIA AT COST - PAY AT CHECKOUT) Organising Committee Dinner 7pm OSCR*
Saturday 6 April
DAY TWO

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

9.00  REGISTRATION DESK OPEN FOR NEW ARRIVALS

9.30  James Campbell - Introduction to Day Two
FITZPATRICK HALL

9.45 –11.00  PARALLEL SESSIONS (9 & 10)
Session 9:  Masonry Construction, Nails
FITZPATRICK HALL
SESSION CHAIR:

Carla Maria Amici
*Vaulting Ribs in Roman Architecture: Invention, Use and Evolution*

Luise Albrecht
*The Foundations of the Basilica of Maxentius in Rome: A Study of Late Antique Building Practices*

Wilko Potgeter
*Facing Bricks in the Nineteenth Century. Developments in Manufacture and Construction of Brick Façades in German-Speaking Countries.*

Tiffanie LeDantec
*Plaster Nails: an Unexplored Aspect of Construction History*

Session 10:  Doors & Timber Domes
BOWETT ROOM
SESSION CHAIR:

John Gelder
*Ancient doors: Written documentation from Mesopotamia, Egypt, Greece and Rome*

Arthur Lapins
*Door and Gate Related Artefacts in Cesis Castle, Latvia*

David Yeomans
*The Construction of Medieval and Tudor Doors and Gates*

James Campbell, Yiting Pan
*12th-Century Chinese Soft Doors and English Medieval Tracery Doors: Useful Reminder of the Dangers of Visual Comparison*

11.00 – 11.15  BREAK  
Tea, Coffee, and Biscuits served in the College Bar

11.15 – 12.00  ANNUAL GENERAL MEETING

12.00 - 1.00  ANNUAL LECTURE

Professor Miles Lewis
*Seeking Closure: the invention of the door*

1.00 - 2.00  LUNCH  
Cripps Dining Hall

2.00 –3.00  PARALLEL SESSIONS 11 & 12)
Session 11:  Languages of Concrete
FITZPATRICK HALL
SESSION CHAIR:

Rossella Putzolu
*The European construction culture of mining buildings in the 1800s:*

Patrick Fleming
*The Application of Wayss’ Rohrzellendecke System in the Kongresshaus Zurich (1937-1939)*

Sabine Kuban
*Survival of the Fittest? – Success Strategies of the Early Reinforced Concrete construction companies of G. A. Wayss*

Session 12:  Roof and Vaults
BOWETT ROOM
SESSION CHAIR:

Guilia Boller
*Building with air: Heinz Isler’s bubble houses and the use of pneumatic construction techniques*

Yosuke Komiyama
*Materiality of the Crystal Palace – Timber in relation to Iron and Glass*

Luca Guardigli
*Long span timber construction in Northern Italy from the sixteenth to the nineteenth century*
3.00 - 3.30  Break
Tea, Coffee, and Biscuits served in the College Bar

3.30 - 4.45  Parallel Sessions 13 & 14)

Session 13:  Geometry and setting out
FITZPATRICK HALL
SESSION CHAIR:

David Wendland
Setting-out and Architectural Drawing: Design and Construction of the Vault in St.-Catherine’s Chapel in Strasbourg Minster (1547)

Mónica López Piquer
Medieval geometry of gothic cathedrals

Antoine Baudry
The stonecutters’ workshop on the restoration worksite of the Collegiate Church of the Holy Cross in Liège (1845-1859)

Jingxian Ye
The ancient Chinese opera spiral wooden domes

Session 14:  Business and Construction
BOWETT ROOM
SESSION CHAIR:

Lucia Santa-Ana Lozada
Creating a Modern Image of Mexico at the first decades of Twenty Century: Milliken Brothers Co. of New York.

Linda Reeder
Accidental Environmentalists: Building Construction on the Rim, 1931 – 36

Sarah Melsens
India’s Architects Act, 1972: the triumph of identity work?

Jørgen Burchardt
Innovation in the modern Australian concrete building business: The introduction of pre-stressed concrete, 1945-1970

4.45 – 5.00  Break
Tea, Coffee, and Biscuits served in the College Bar

5.00 – 6.00  Session 15
International Reports and Debate
FITZPATRICK HALL
SESSION CHAIR: JAMES CAMPBELL

Short reports on the status of Construction History in Belgium, France, Germany, Spain, USA and Portugal. Contributors: Santiago Huerta (Spain), Robert Carvais (France), Stefan Holzer (Germany), Inge Bertels (Belgium), João Mascarenhas Mateus (Portugal)

Followed by a discussion on the topic in Construction History

6.00 - 6.30  Break
Tea, Coffee, and Biscuits served in the College Bar

6.30 - 7.30  MSt in Building History Annual Lecture
FITZPATRICK HALL

Sarah MacLeod
Saving Wentworth Woodhouse: Britain’s Largest Country House

7.30 – 7.45  Drinks Reception  in the Bar area

7.45 – 8.00  Move to Old Hall for Gala Dinner (only for those who have booked)

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 7 April  
DAY THREE (Visits)

8.00 - 9:00  BREAKFAST - Cripps Dining Hall (only for those staying overnight in college)
           (8-10am breakfast meeting of the
           International Federation of Construction History
           in the Armitage Room)

10.00  Check out of rooms- leave bags at Porter’s Lodge if necessary
        (Buy sandwich lunch to take to Boughton)

11.00  Visit: Coach leaves for Boughton House (from Queens’ Road behind Queens’)

12.00  BOUGHTON HOUSE
        WITH ITS UNFINISHED EIGHTEENTH CENTURY WING

1500  Leave Boughton

1630  Drop off at Cambridge railway station and Queens’