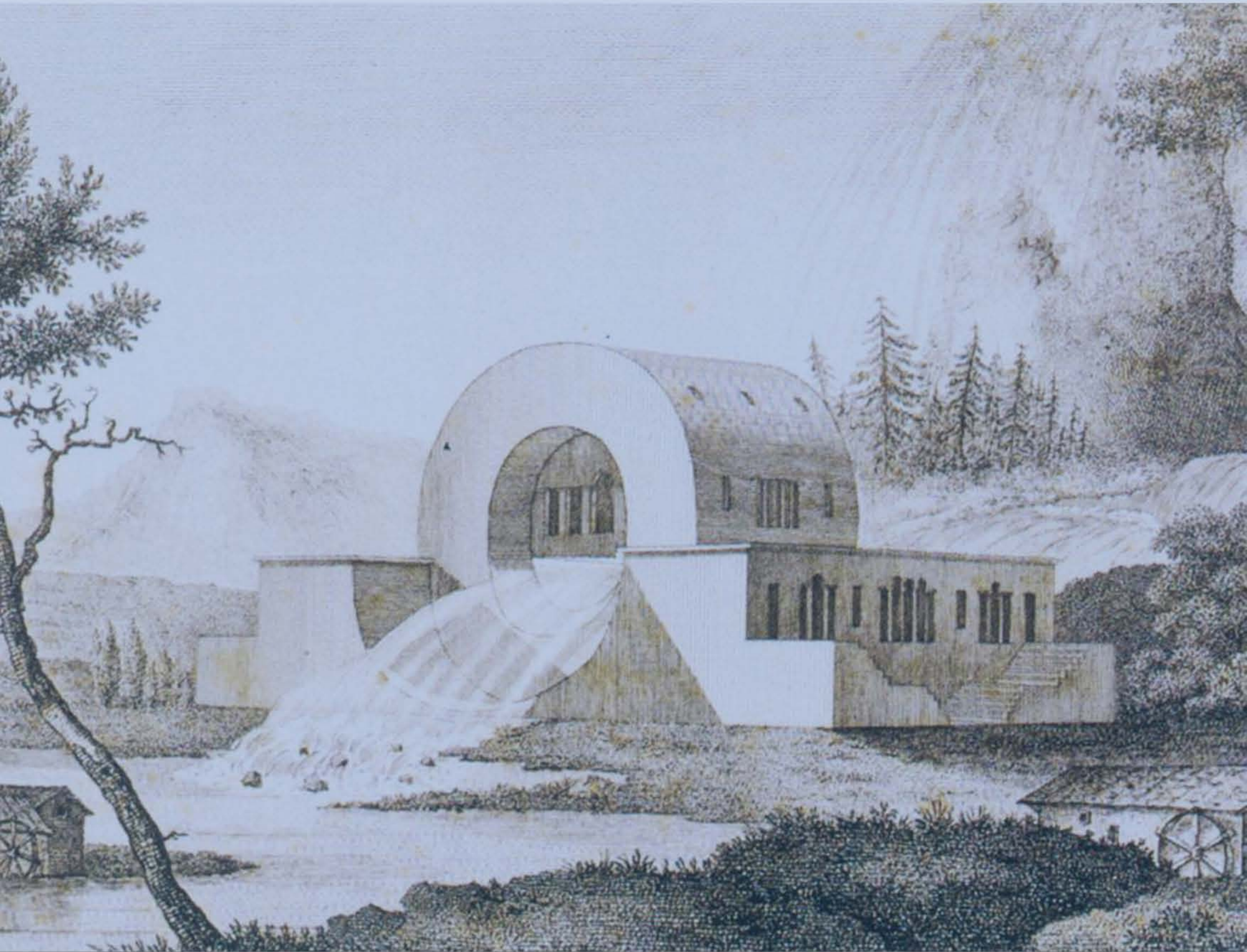


CHS

THE CONSTRUCTION HISTORY SOCIETY

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 Oropos: 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

Angeles 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*

Session 6: **Roofs and Ceilings**
BOWETT ROOM
SESSION CHAIR:

Aleksandra Kosykh

*A Feat of Russian Engineering from the 1740s,
the Iron Roof of the Church of St. Sergius in
Sergiev Posad*

Stefania Mornati

*Originality and Lightness in the Work of Riccardo
Morandi: the Metronio Covered Market in Rome*

Aftab Jalia

*Ceramic Fuses: An Indo-European history of
tubular vaulting modules*

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 McGuinness

*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

Michael Heaton

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

Session 8: **Building Projects**
BOWETT ROOM
SESSION CHAIR:

Laura Greco, Francesco Spada

*The Invulnerable prefabricated construction system
for Italian temporary buildings in the 1930s*

Vladimir Landinski

*The 'Golden Age' of Housing Construction (1948-
1980) in the Republic of North Macedonia*

Iva Stoyanova

*Comparing Plovdiv and Greek tobacco warehouses:
comprehending a historic local construction type*

Willem Bekers

*The visual, the accidental and the actual in the
historiography of the fort of Shinkakasa,
Democratic Republic of Congo, 1891- 1909*

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.*

Tiffany 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

Session 13: **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

