

BSHS Annual Conference 2011 Full Listing of Academic Sessions

Thursday, 14th July

Session 1: Thursday 14th July,
14:30 – 16:00

Visualization

Queen's, Lecture Theatre 4

Chair: *Caitlin Donahue Wylie*

Objects without status – pictures without purpose. The organisation and visualisation of Middle Eastern archaeological findings in 19th century Europe

Mirjam Brusius

Revisiting Charles Bell's Medical Images: A Plurality of Representative Practices

Chiara Ambrosio and Brendan Clarke

Strategies of Visualization – Images in 19th Century German Classical Archaeology

Stefanie Klamm

Nineteenth-Century Physical Sciences

Queen's, Seminar Room E

Chair: *Iwan Rhys Morus*

Michael Faraday's concept of mass and particle

Kenichi Natsume

How the electric telegraph sparked lively debate between scientists and engineers

Charlotte Connolly

Controlling the atmosphere: discipline and protocol in the installation of the Kew divided-ring electrometer

Daniel Jon Mitchell

Past, Present & Future

Queen's, Seminar Room F

Ashley Inglehart

The missing narrativist turning in historiography of science

Jouni-Matti Kuukkanen

A Plurality of Presentisms

Thomas Bunce

What can the history of science tell us about its future?

Ian James Kidd

Session 2

Thursday, 14th July
16:30 – 18:00

Plenary Session

Queen's, Lecture Theatre 1

Chair: TBC

The Devonion: A story of a county, a controversy, and the earth's deep history

Martin Rudwick

Friday, 15th July

Session 3

9:00 – 10:30

Methods & Resources

Queen's, Lecture Theatre 4

Chair: *Thomas Bunce*

Poetry, politics and plants: A scientist working in 19th century Greece

Konstantinos Tampakis

Scientific records in local archives

John Draisey

Stories about science as folklore: Giving meaning to applied science in the 19th century

Robert Bud

Patients & Professionals

Queen's, Seminar Room D

Chair: *Michael Bresalier*

'Chemical straight-jackets and the Largactil shuffle: the pharmacological era and emergence of the revolving door patient in mental health history'

Nicole Baur

Beds, Beef Tea and Boundaries: Aftercare in Nineteenth Century Abdominal Surgery

Sally Frampton

Medical professionalisation, history and interdisciplinarity: problems for the present

Victoria Blake

Global Perspectives

Queen's, Seminar Room E

Chair: *Sabine Clarke*

From Modino's Cure to Lecithin

Treatment: Mechanics of opiate detoxification and withdrawal

management in the state sponsored mass

treatment scheme for opium addicts in Assam.
Kawal Deep Kour
United States Empire and Tropical Science on Barro Colorado Island, Panama, 1916-1940
Robin Wolfe Scheffler
Communication of Evolution and Public Mobilization in China
Yang Haiyan

Human Sciences

Queen's, Seminar Room F

Chair: *Allison Ksiazkiewicz*

"We Cannot Be Greek Now": *Havelock Ellis, John Addington Symonds and the Significance of Age Difference and Class Difference in the Making of Sexual Inversion*
Jana Funke
The origin of man and the public: the sciences of man at the BAAS, 1866-1870
Juan Manuel Rodriguez Caso
The Ethnology of Robert Knox
Efram Sera-Shriar

Session 4

Friday, 15th July

11:00 – 13:00

Where were they?: The science and culture of Extraterrestrial Intelligence 1945-1975

Queen's, Lecture Theatre 4

Chair: *Jon Agar*

Organizer: *Robert Poole*

Written in the Stars: UFOs over Europe and the Quest for Transcendence in Space, 1947-1977
Alexander C.T. Geppert
The Drake Equation: Cultural Origins of the Scientific Belief in Extraterrestrial Intelligence
Robert Poole
Of Dolphins and CETI: John C. Lilly and the Intelligent Universe
Thore Bjørnvig
Inscribing scientific knowledge: NASA's Pioneer plaque and the history of interstellar communication, 1957-1972
William R Macauley

4B: *Joseph Rotblat – a nuclear physicist in the public eye 1944-1957*

Queen's, Seminar Room D

Organizer and Chair: *Christopher Watson*

How Józef Rotblat left Los Alamos
Andrew Brown

Joseph Rotblat's return to Liverpool University, the Chadwicks and development of nuclear physics in the UK
Martin Underwood

Sir Joseph Rotblat and the Atomic Train: an early nuclear awareness-raising exercise and its echoes today

John Finney and Carol Naughton

Joseph Rotblat's involvement in the founding of the Pugwash movement
Sandra Ionno Butcher

"Impossible Experiments" in Early Modern Europe

Queen's, Seminar Room E

Chair: *TBC*

Organizer: *Karin Ekholm*

The Protean Vegetable Phoenix: Reports of Palingenesis in Seventeenth-century Europe

Karin Ekholm

Scrofula, Sin and Miracles: Debating the Royal Touch during the Stuart Restoration
Stephen Brogan

Witnessing alchemical transmutation in early modern England

Jennifer Rampling

Optatives and the Epistemic Potential of Impossibilities

Vera Keller

Nineteenth-Century Science in the Press

Queen's, Seminar Room F

Chair: *Frank James*

The read planet: Mars, New Journalism and Richard Proctor's case for "science as a means of culture"

Joshua Nall

After Tyndall: Science, Religion and the Bristol Meeting of the British Association
Ciaran Toal

The Changing Faces of Science in Punch 1859-90

Samuel Robinson

Reconsidering the Huxley v. Wilberforce Debate

Nanna Kaalund

Session 5

Friday, 15th July

14:30 – 16:00

Health in the Laboratory

Queen's, Lecture Theatre 4

Chair: *Victoria Blake*

Lance Armstrong, Floyd Landis, and the
"Doper's Regress" in Pro Cycling

David Roth Singerman

Noxious Chemical Vapours in the 19th

Century: The Missing Public Health Link

Peter Reed

Will it kill the germs? Approaches to
testing disinfectant effectiveness in
Britain, 1850-1914.

Rebecca Whyte

Negotiating Controversy: ethics and objectivity from the curator's perspective

Queen's, Seminar Room D

Chair: *Joe Cain*

Organizer: *Helen Wakely*

Shaping and possessing knowledge: my
virtual relationship with Francis Crick

Helen Wakely

A Fit and Proper Person?: Galton,

eugenics and University College London

Natasha McEnroe

Maurice Wilkins (1916-2004): The
invisible man of the Double Helix

Chris Olver

Navigation, Meteorology and Telegraphy

Queen's, Seminar Room E

Chair: *Rebekah Higgitt National Maritime Museum*

Communities and communications: the
Institution of Electrical Engineers and
wireless telegraphy, 1899-1907

Elizabeth (Liz) Bruton

'[T]heir mathematics and navigation may
be well enough but they have not had the
opportunity of becoming seamen': sailors
and tacit knowledge in early nineteenth-
century naval architecture

Don Leggett

The Meteorological Crusade: Organising
Science in the Early Nineteenth Century

Simon Naylor

Observation in the Eighteenth-Century Queen's, Seminar Room F

Chair: *Karin Ekholm*

Early modern astrology represented in
Spanish Golden Age theatre plays. The
case of the play 'The fake astrologer'

Tayra Lanuza

Changing attitudes towards astrology: a
comparison between the Royal Society
and the Regia Sociedad of Seville in the
beginning of the eighteenth century

Jesus M. Galech

The body under the lens: the problem of
observing blood under the microscope in
the Late Eighteenth Century

Jed Foland

Session 6

Friday, 15th July

16:30 – 18:00

Plenary Session

Streatham Court, Lecture Theatre A

Chair: *Sally Horrocks*

*"The Twilight Zone": Reflections on the
history of science and medicine*

Mark Jackson

Saturday 16th July

Session 7

Saturday, 16th July

9:00 – 10:30

Evolution

Queen's, Lecture Theatre 4

Chair: *Chris Manias*

Paracelsus to Darwin: the migration of
transmutation

Brian Regal

Peirce contra Spencer: Extending the
Objections to Lamarck and Darwin

David R. Crawford

New perspectives on the Board the Longitude, 1714-1828

Queen's, Seminar Room D

Chair: *Simon Naylor*

Organizer: *Rebekah Higgitt*

Redefining the early nature and

nomenclature of the 'Board of Longitude'

Alexi Baker

The 1818 Longitude Act: a watershed in
government funding for science?

Rebekah Higgitt

Thomas Young and the end of the Board
of Longitude

Sophie Waring

7C: Twentieth-Century Physics

Queen's, Seminar Room E

Chair: *Jeff Hughes*

Big Science, Little Science: the origin of
radio astronomy

Astrid Elbers
'A Conservative Attitude'? Continuity,
discontinuity and the contested rise of
'modern physics'
Imogen Clarke
Phantasmagoric images: X-Rays and the
aesthetic of its reception
Margarida Medeiros

7D: Early Modern Medicine

Queen's, Seminar Room F

Chair: Jennifer Rampling

Medicine in early modern England:
pharmacology, technology and the
Galenic tradition

Lisa Jarman

Hippocrates to Harvey: A history of the
Circulatory System

Arif Khokhar

Medical ideas in Francis Bacon's natural
histories

Doina-Cristina Rusu

Session 8

Saturday 16th July

11:00 – 12:30

*Farmers' expertise and the 20th century
transformation of agriculture*

Queen's, Lecture Theatre 4

Chair: David Edgerton

Organizer: Abigail Woods

From laboratory science to farmyard
practice: New agricultural technology in
mid-twentieth century Britain

Paul Brassley

Rethinking the history of modern
agriculture through the nature,
production and sentience of the pig,
c1910-65.

Abigail Woods

Breeding for Nobility or for Production?:

Cultures of Dairy Cattle Breeding in The
Netherlands 1945-1995

Bert Theunissen

*Earth and Sea Under Surveillance: security,
oceanography and petroleum geology in Cold War
contexts*

Queen's, Seminar Room E

Chair: TBC

Organizer: Leucha Veneer

Science, geopolitics, and oceanography in
the Nordic countries during the early Cold
War

Peder Roberts

Sword, Shield and Buoys: Exploring the
History of the NATO Sub-Committee on
Oceanographic Research, 1959-1973

Simone Turchetti

Oil Security and the North Sea: British and
Norwegian Explorations in the 1960s

Leucha Veneer

The emergence of transnational systems
of radioactivity monitoring

Néstor Herran

*The Public History of Science, Technology and
Medicine: Initiatives, potential, problematics*

Queen's, Seminar Room F

Chair: Fern Elsdon Baker

Re-Visualizing Victorian Physics

Iwan Rhys Morus

Modest Heroines in the History of
Technology

David Rooney

The Science Museum Public History of
Science Project

Tim Boon

Ten Years of the Subject Centre for
Philosophical and Religious Studies (and
goodbye!)

Sabine Clarke & Richard Gunn

Session 9

Saturday 16th July

13:30 – 15:00

Applying Chemistry

Queen's, Lecture Theatre 4

Chair: Sarah Easterby-Smith

Pulp and paper science for the nation

Gordon Dadswell

The Development of Forensic Chemistry
in the UK (1900-1950)

Alison Adam

Professors in the brewhouse: workplace
and laboratory knowledge in the early
nineteenth century

James Sumner

Epidemiology

Queen's, Seminar Room D

Chair: Peter Reed

Theobald Smith (1859-1934) and the "law
of declining virulence": Shifting
perspectives on the evolution of disease –
1880-1980.

Pierre-Olivier Méthot

Between *The Field* and the Laboratory:
Virologists, Veterinarians, and Dog
Distemper in the Making of Medical
Science in Interwar Britain.

Michael Bresalier
"A national matter": malariology in
Portugal in the 1930s
Monica Saavedra

Writing Popular Science
Queen's, Seminar Room E
Chair: *Aileen Fyfe*

Publishing Faraday's Candle.
Frank James
'Fairy Miners': Robert Hunt and the
Spirits of Nature
Melanie Keene
Predatory poetry and the development of
nineteenth century natural sciences
David Allan Feller

Oral History
Queen's, Seminar Room F
Chair: *Sabine Clarke*

Doing Oral History: The Children of Craig-
y-nos Project
Carole Reeves
The Voice of Scientists' Past
Thomas Lean
The importance of the unwritten:
Experiences of oral history research
amongst agricultural scientists and
development experts in Zambia
Andrew Bowman

Session 10
Saturday 16th July
15:30 – 17:00

Moving, Projected and Magical Images 1780-1914
Queen's, Lecture Theatre 4
Chair: *Sabine Clarke*
Phil Wickham and John Plunkett

Attributing Meanings
Queen's, Seminar Room D
Chair: *Jenny Goodare*

The Radium Committee of the Royal
Society and the changing role of radium
in the 20th Century
Neil Todd
Political Neurons: Visualization of the
Functional Brain and the Economies of
Order in 19th Century Spain and the
United Kingdom
Nuria Valverde Pérez
Combing historical texts, experiments and
games – Teaching proposal for the
exploration of a 19th century early
electricity collection
Flora Paparou

Early Modern Animals
Queen's, Seminar Room E
Chair: *Lisa Jarman*

'Alexanders to find out Aristotles':
comparative anatomy, patronage and
institutional science in England and
France in the late seventeenth century
Noah Moxham
'It is indeed a thing ominous for a Toad to
be born of Woman': Taking experimental
frogs and toads seriously
Charlotte Sleigh
The Art of Science: a Rediscovery of the
Lister Copperplates
Anna Marie Roos

*Being There: History-of-Science Site Visits in
Methodological Perspective*
Queen's, Seminar Room F
Chair: TBC

History on Foot: Pedagogy for Learning on
the Go
Joe Cain
Re-Treading Historic Geological Fieldwork
and why it's worth the trouble
Martin Rudwick
Demonstration of BSHS Travel Guide
Elizabeth (Liz) Bruton

Session 11
Saturday 16th July
17:30 – 18:30

Presidential Address
Queen's, Lecture Theatre 1
Chair: TBC
Sally Horrocks

Session 12
Sunday 17th July
9:00 – 10:30

Subjects and objects in early-modern science and medicine

Queen's, Lecture Theatre 4

Chair: *Charlotte Sleigh*

Organizer: *Elizabeth Hallam*

Three artists, two poets and a king:
Portraits of patients in early-modern
England

Douglas James

Invention, imitation and the consumption
of print: How one 18th-century
instrument-maker used his books

Florence Grant

The anatomy of a holy man

Sophie Mann

Laboratories

Queen's, Seminar Room D

Chair: *Rebecca Whyte University of Cambridge*

How ribozymes helped cast RNA in the
roles of both chicken and egg in origins-
of-life theories

Neeraja Sankaran

Drunken animals: the problem of choice
in laboratory studies of addiction.

Edmund Ramsden

Analysis of Variance, Experimental Design
and the Shaping of the Lab-Field Border in
Agriculture and Biology at Rothamsted
Experimental Station

Giuditta Parolini

Technology in Palaeontology

Queen's, Seminar Room E

Chair: *Martin Rudwick*

From hammer and chisel to PaleoTools
Microjack #1: a history of twentieth
century paleontological laboratory
practice

Caitlin Donahue Wylie

Reconstructing *Sinanthropus pekinensis*:
An Evolutionary Icon in an International
Perspective, 1920-1950

Chris Manias

Geology and technology: Man's place in
the history of the earth

Allison Ksiazkiewicz

Early Modern Physical Sciences

Queen's Seminar F

Chair: *Vera Keller University of Southern California*

Robert Boyle on Principles, Powers, and
Petrification

Ashley Inglehart

Conceptual Change in the History of
Science. Methodological and Theoretical
Reflections

Irene Goudarouli

The Contextual Masks

Babu Thaliath

Session 13
Sunday 17th July
11:00 – 13:00

*Electrical practices and the Victorian Telegraph
Business*

Queen's, Lecture Theatre 4

Chair: *Elizabeth (Liz) Bruton*

Organizer: *Richard Noakes*

'Electrical Science and Engineers'
Specifications: The Adoption of Electrical
Standards in Cable Telegraphy'

Bruce Hunt

Dr. Wildman Whitehouse and his 'Iron
Oscillograph': Electrical Measurements
Relating to the First Transatlantic
Telegraph Cable

Allan Green

Maintaining the Nineteenth-Century
Telegraph Cable System

John Moyle

Rethinking British Industrial Research and
Development: the Case of the Eastern and
Associated Telegraph Companies

Richard Noakes

The Business of Botany

Queen's, Seminar Room D

Chair: *Melanie Keene*

Daniel Solander – the scientist
remembered for his manuscript boxes

Joan Price

Newtonian vegetables and perceptive
plants

Susannah Gibson

Aesthetic Enlightenments: Selling Natural
Knowledge in the Late Eighteenth Century

Sarah Easterby-Smith

Science, State and Planning

Queen's, Seminar Room E

Chair: *Sally Horrocks*

Planning Eutopia: Lewis Mumford's
Sociological Work in the 1920

Richard C Gunn

The new Jerusalem and the New Atlantis:
Tradition and progress at the Royal
Society, 1939-49

Jenny Goodare

The Ambiguous Role of the Chief Scientific
Adviser, 1940-1971
James Goodchild
Physics, culture, and politics in Franco's
Spain
Xavier Roqué

Physical Sciences & the Public

Queen's, Seminar Room F

Chair: Robert Bud

Community, Style, and the Gas Turbine

Jakob Whitfield

Exorcising the "Radio Ghost":

Experiencing the sound of early radio

Alison Hess

On the boundary of linearity: The split
between basic and applied research in
Sweden in the 1940s

*Ingemar Pettersson, Katarina Larsen and
Sverker Sörl*

