BSHS Annual Conference 2014:
Draft Programme

Thursday 3 July

14.00 onwards  Check-in at accommodation
Agnes Blackadder or University Hall (North Haugh)

15.30 onwards  Conference Registration
Lower College Hall (St Salvator’s Quad)

16.00–17.30   Tours and Postgraduate Workshop 1
(Details below)

17.30–19.00   Wine reception
Museum of the University of St Andrews (MUSA)
Sponsored by the Institute of Intellectual History

19.00–20.30   Buffet dinner
Lower College Hall (St Salvator’s Quad)

Friday 4 July

07.30 – 09.00   Breakfast (At your hall of residence, North Haugh)

09.00–11.00   Academic sessions
(Details below, under ‘Full Listing of Academic Sessions’)

‘Life and Physical Science Collections’
(inc. ‘101 Things To Do With A Dead Whale’)
(Martyrs Church Reading Room, repeated at 9.30 and 10.15)

11.00–11.30   Break (Gateway Well)

13.00–14.00   Lunch (Gateway Well)

Postgraduate Workshop 2
Gateway Well
14.00–15.30  Academic sessions

MUSA ‘Behind the Scenes’ tour
MUSA Collections Centre (meet 14.15)

15.30–16.00  Break (Gateway Well)

16.00–18.00  Academic sessions

19.00–21.00  Conference Dinner
Lower College Hall (St Salvator’s Quad)

21.30–23.59  Ceilidh and cash bar
Upper College Hall (St Salvator’s Quad)

Saturday 5 July

07.30 – 09.00  Breakfast (At your hall of residence, North Haugh)

09.00–11.00  Academic sessions

11.00–11.30  Break (Gateway Well)

11.30–13.00  Academic sessions

13.00–14.00  Lunch (Gateway Well)

BSHS Extraordinary General Meeting
Gateway (venue tbc)

14.00–15.30  Academic sessions

15.30–16.00  Break (Gateway Well)

16.00–18.00  Academic sessions

18.30–19.00  Dinner (cash bar)
Agnes Blackadder Hall (North Haugh)

20.00–22.00  Whisky (etc.) Tasting
Foyer, Medical Sciences Building (North Haugh)

Sunday 6 July

07.30 – 09.00  Breakfast (At your hall of residence, North Haugh)

09.00–11.00  Academic sessions

11.00–11.30  Break (Gateway Well)

11.30–13.00  Academic sessions

13.00–14.00  Lunch (Gateway Well)
BSHS Annual Conference 2014: 
Tours and Special Sessions

Thursday 3 July

16.00–17.30

Postgraduate Workshop 1: ‘How to Get the Most out of a Conference’
(Upper College Hall)

Participants:  
Frank Müller (University of St Andrews)  
Alice White (University of Kent)

‘Scientific Treasures of the University of St Andrews Library’
Drop-in session at the new Martyrs Church Reading Room, North Street; no need to book)

‘Behind the Scenes at MUSA’
Curator-led tour of the MUSA store, which is rich in Victorian scientific instruments. Sign-up necessary (repeated on Friday). Meet at 16.00 at the MUSA Collections Centre (NB, not MUSA itself) at 87 North Street, directly in front of the University Library).

Tour of the Bell-Pettigrew Museum of Natural History
Curator-led tour of this early twentieth-century natural history museum. Meet at 16.00 at Lower College Hall, to walk as a group to the museum.

Walking tours of St Andrews
Meet at Lower College Hall at 16.00.

Friday 4 July

09.00–10.15
Repeated at 10.15–11.00

‘Life and Physical Sciences Collections’ (featuring special presentation on ‘101 Things To Do With A Dead Whale’)
Archivist-led introduction to the science collections of the University Library, including an introduction to the marine science archival collections. Meet at Martyrs Church Reading Room, North Street.
11.30–13.00

**Objects and Material Culture in HSTM**
(Gateway Gallery)

Organiser: James Stark  
Chair: Melanie Keene

Participants:  
- *Tim Boon (Science Museum)*  
- *Karin Tybjerg (Medical Museion, University of Copenhagen)*  
- *Matt Sheard (MUSA)*

13.00–14.00

**Postgraduate Workshop 2: ‘Moving on from the PhD’**
(Venue tbc)

Participants:  
- *Sabine Clarke (University of York)*  
- *Sarah Easterby-Smith (University of St Andrews)*

14.15–15.15

**‘Behind the Scenes at MUSA’**
Curator-led tour of the MUSA store, which is rich in Victorian scientific instruments. Sign-up necessary (repeated on Friday). Meet at 16.00 at the MUSA Collections Centre (NB, not MUSA itself) at 87 North Street, directly in front of the University Library.

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Saturday 5 July

11.00–13.00

**Roundtable: ‘Editing the History of Science’**

Organisers: H. Floris Cohen and Jennifer Rampling

Participants:  
- *H. Floris Cohen (Isis)*  
- *Jon Agar (BJHS)*  
- *Jennifer Rampling (Ambix)*  
- *Iwan Morus (History of Science)*

13.00–14.00

**BSHS Extraordinary General Meeting**
(Gateway, venue tbc)
BSHS Annual Conference 2014: Full Listing of Academic Sessions (Revised Draft)

Please arrive early to ensure that you secure a seat, as some sessions may be over-subscribed.

**Thursday 3 July**

**Opening Plenary Lecture**
20.30–21.30

‘National Health is National Wealth: Victorian Visions’
*Sally Shuttleworth (University of Oxford)*

Upper College Hall (St Salvator’s Quad)

**Friday 4 July**

**Academic Session 1**
09.00–11.00

Nature Repurpos’d: Recycling Ideas, Images, Objects and Spaces in Early Modern Europe

Organiser: Jennifer Rampling  
Chair: Anke Timmermann

‘The adaptive adept: retooling medieval apparatus for early modern chymistry’  
*Jennifer Rampling (Princeton University)*

‘Preserving the cutting edge: woodblocks, visual knowledge, and recycling practices of botanical illustration in early modern Europe’  
*Bruce T. Moran (University of Nevada)*

‘A quintessential craft: Hieronymus Brunschwig’s adaptation of learned alchemical concepts of distillation into artisanal medicine making’  
*Tillmann Taape (University of Cambridge)*

‘Making a home for science in early modern England’
*Simon Werrett (University College London)*

**Colonial and Imperial Science**

Chair: Jessica Ratcliff

‘“The minds of men are on the move”: phrenology in Bengali print culture, 1845-1850’  
*James Poskett (University of Cambridge)*

‘From ethnoscienece to ethnology: indigenous plant knowledge in Imperial context’  
*Geoff Bil (University of British Columbia)*

‘The Minor Horrors of War”: insects, the British Empire, and the First World War’  
*Arik Clausner (University of St Andrews)*

**Semantic History of “Thinking about Science” in the Twentieth Century**

Organiser: Robert Bud  
Chair: Eric Schatzberg

‘Basic research and innovation: the “new” semantic pair’  
*Benoît Godin (INRS, Quebec)*
‘Science policy in search of new semantics: basic research in the era of the Second World War’
Desirée Schauz (Technische Universität München)

‘Modernity, mobility and modernization: “fundamental research” in a new vision of colonial development, 1940-1960’
Sabine Clarke (University of York)

‘Making sense of modernity: the categories of pure and applied science in the public sphere of early twentieth-century Britain’
Robert Bud (Science Museum)

Genetics

Chair: Fern Elsdon-Baker

‘The rhetoric of genes: utopian promises of a pragmatic science, 1930-2000’
Maurizio Esposito (University of Santiago)

‘The biology of altruism and the post-war social order: a reconsideration of the meaning behind inclusive fitness’
Sarah Swenson (University of Oxford)

‘“Erroneous assumptions regarding genes” in the twentieth century’
Annie Jamieson (University of Leeds)

‘Cataloguing Dolly: the curious tale of archives and animal genetics in Edinburgh’
Clare Button (University of Edinburgh Main Library)

Images of the Sciences

Chair: Rebekah Higgitt

‘When Urania Meets Terpsichore: an early nineteenth-century lecture on astronomy in the Lord Chamberlain’s Plays’
Hsiang-Fu Huang (University College London)

‘Visualising human emotion: François-Franck’s archive at the Collège de France’
Allison Huetz (De Montfort University)

‘Framing relativity: artistic glimpses of Einstein’s theory’
John G. Hatch (Western University)

‘At the edge of their universe: art and science at CERN, 1954-2014’
Camilla Mørk Røstvik (University of Manchester)

Friday 4 July
Academic Session 2
11.30–13.00

Archaeology, Anthropology and Human Identity

Chair: Oliver Hochadel

‘Excavating ‘Deep History’: archaeological field practice and narratives of human identity’
Amanda Rees (University of York)

‘Controversial archaeology as entrepreneurship: Pedra Furada and the Brazilian First American (1979-2009)’
Miquel Carandell Baruzzi (Universitat Autònoma de Barcelona)

‘The making of the Mexican face: “Caramex” and the history of criminal identification’
Abigail Nieves-Delgado (National Autonomous University of Mexico)

Citizen Science: Constructing Nineteenth Century Scientific Communities

Organisers: Gowan Dawson and Geoff Belknap
Chair: Jonathan Topham

‘Citizen Science on the rocks: palaeontology and psychometry in the reconstruction of prehistoric monsters’
Gowan Dawson (University of Leicester)

‘Citizen Science, Citizen Medicine’
Sally Frampton (University of Oxford)

‘Illustrating Citizen Science – the use of images in nineteenth-century periodical culture’
Geoffrey Belknap (University of Leicester)

Scientific Careers

Chair: tbc

‘Rebelling against the “System”: embarking on a scientific career in Britain from World War Two to the early post-war period’
Ruth Wainman (University of Kent)

‘Discrepancies become disturbing: changing attitudes towards women scientists and engineers in Britain during the late 1960s and 1970s’
Sally Horrocks (University of Leicester)

‘Autobiography and the history of forensic science in the twentieth century’
Alison Adam (Sheffield Hallam University)

Science at Sea

Chair: tbc

‘Sampling the South Seas: examining the collection and interrogation of scientific specimens on mid-nineteenth-century voyages of Pacific exploration’
Sarah Louise Millar (University of Edinburgh)

‘Physical deterioration, national efficiency, and the Royal Navy, 1880-1910’
Elise Smith (University of Oxford)

‘Vítkovice Ironworks and the Rothschild family (1891-1914): contracts, patents and new technologies applied in ship production for the Habsburg monarchy’
Aleš Materna (University of Ostrava)

People, Place and Things: Locating the History of Technology

Organiser: Alison Hess

Roundtable participants:

Alison Hess (Science Museum, London)
Simon Naylor (University of Glasgow)
Klaus Stauber (National Museums of Scotland)

Friday 4 July

Academic Session 3
Session 3: 14.00–15.30

The Mathematical and the Baconian Sciences Revisited: Traditions of French Physical Science during the Eighteenth and Nineteenth Centuries

Organiser: Daniel Jon Mitchell
Chair: John R. R. Christie

“Les Minéralogistes-Physiciens”: physics at the Jardin du Roi from Charles Dufay to Antoine-César Becquerel!

Michael Bycroft (Max Planck Institute for the History of Science)

‘The Berthollet-Haüy controversy: definite proportions in chemistry and crystallography’

Stephen T. Irish (University of Cambridge)


Daniel Jon Mitchell (University of Cambridge)
Darwin in Iberia

Chair: tbc

‘Darwin in Portugal: The introduction of Darwin in Portuguese science and culture (1865-1914)’
Ana Leonor Pereira (University of Coimbra)

‘The role of Júlio Augusto Henriques in the advancement of scientific knowledge at the University of Coimbra: natural history, botany and pharmacy’
João Rui Pita (University of Coimbra)

‘Different truths at different levels: communication policy on evolution in Franco’s Spain (1939-1975)’
Clara Florensa (Universitat Autònoma de Barcelona)

Computers and Cybernetics

Chair: tbc

‘Communicating across the Channel to construct abstract machines. W. Ross Ashby’s letters to J. Riguet’
Ronan Le Roux (Paris)

‘“Choose the one that makes the best noise”: selling computer technology in the age of mundanity’
James Sumner (University of Manchester)

‘“American machines are the greatest”: popular representations of computer technology and the growth of an American computer culture’
Hannah Grenham (University of St Andrews)

Experiments in Twentieth-Century Agricultural Science (1)

Organiser: Giuditta Parolini
Commentator: Jonathan Harwood

‘Environmental interference and the hereditary touchstone: the design and management of agricultural experiments in Cambridge, 1920-1950’
Dominic Berry (University of Leeds)

‘The role of statistics in field experiments’
Giuditta Parolini (Berliner Zentrum für Wissensgeschichte/Technische Universität Berlin)

‘Engineering a chilly reception: experiments in prolonging the life of horticultural produce, 1917-1930’
Paul Smith (University College London)

Policy, Health, Environment

Chair: John Clark

‘Who defines medical research policy? Patients, politics and the case of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis’
Andrew Black (University of Manchester)

‘World dynamics: neo-Malthusian ecology 1948-1972’
Matthew Holmes (University of Leeds)

‘Climatology, climate change and the UK government response’
Jon Agar (University College London)

Friday 4 July
Academic Session 4
16.00–18.00

Early Modern Travellers

Chair: Karin Tybjerg

‘George Strachan’s Arabic Euclid manuscript’
Gregg De Young (The American University in Cairo)

‘The assembled dodo: making and using a flightless monster in early modern natural history’
Natalie Lawrence (University of Cambridge)

‘The facts of the matter? Natural knowledge of mountains in early modern Europe’
Dawn Jackson Williams (University of St Andrews)

‘British travellers and the sublime volcano: science, faith and aesthetic in feudal Sicily of the eighteenth century’
Gabriele Mulè (Independent)

Science at School
Chair: Matthew D. Eddy

‘Scientific education in eighteenth-century schools’
Jo Elcoat (University of Leeds)

‘Object lessons go to school’
Melanie Keene (Homerton College, Cambridge)

‘The diseases of scholars: trans-Atlantic medicine and American schools, 1760-1850’
Rebecca R. Noel (Plymouth State University)

Experiments in Twentieth-Century Agricultural Science (2)
Organiser: Giuditta Parolini
Chair: Gregory Radick

‘From breeding experiments to stem cell research: animal genetics in Edinburgh and the cloning of Dolly the sheep’
Miguel Garcia-Sancho (University of Edinburgh)

‘Constructing animal welfare science: ethics, experiment and discipline-building’
Andrew Gardiner (University of Edinburgh)

‘“Big Science” in the field: experiments, expertise and policy on badgers and bovine TB’

Angela Cassidy (King’s College London)

Concluding roundtable

Maternal and Infant Health
Chair: tbc

‘Examen obstetricum – midwifery and obstetrics in early modern Vienna’
Sonia Horn (University of Vienna)

‘Alexander Gordon, puerperal fever, and empiricism in eighteenth-century medicine’
Henry Kreuzman (The College of Wooster)

‘The apotheosis of Semmelweis and late nineteenth-century interest in public hygiene’
Constance E. Putnam (Independent scholar)

‘“Don’t Kill the Baby”: maternal advice literature in Canada and England, 1920-1940’
Gwenith Siobhan Cross (Wilfrid Laurier University)

Technology and Communication
Chair: Aileen Fyfe

‘Technological convergence and transatlantic communication: a case study of Ireland, 1850–66’
Adrian James Kirwan (National University of Ireland, Maynooth)

‘Generating public trust in Greenwich Observatory Time in late nineteenth-century Britain’
Yuto Ishibashi (Kyoto University)

‘Keeping the lights on: oral histories and the development of the British electricity supply system from nationalisation to privatisation’
Tom Lean (British Library)
‘Modernism and the motorways: public contestation of the future of transport (1945-1963)’
Cameron Roberts (University of Manchester)

‘Knowing your place: when was an expeditionary astronomer?’
Éóin Phillips (University of Cambridge)

‘Thomas Young, secretary and superintendent’
Sophie Waring (University of Cambridge)

Saturday 5 July
Academic Session 5
09.00–11.00

Interdisciplinary Approaches to Early Science and Medicine
Chair: Jennifer Rampling

‘Assyrian technical procedures and the language of alchemy’
Eduardo Escobar (University of California, Berkeley)

‘The dissemination of Greek science in the Near East: the case of Claudius Ptolemy’s Tetrabiblos’
Bojidar Dimitrov (Bayerische Akademie der Wissenschaften)

‘All in the mind: brain, soul, and mental disorder in the fourth century CE’
Jessica Wright (Princeton University)

‘Ancient traditions in foreign medieval cultures: early formulators negotiating medicine’
Mujeeb Khan (University of Cambridge)

Agriculture, Science and Politics
Chair: Yang Haiyan

‘Humphry Davy and the Board of Agriculture’
Frank A.J.L. James (The Royal Institution)

‘Political natural history? Francesc Darder and the acclimatization movement in Catalonia around 1900’
Oliver Hochadel (Consejo Superior de Investigaciones Científicas)

‘The curious case of George Compere, the “parasite theory” and the economic entomologists in Australia, 1900-1910’
Edward Deveson (Australian National University)

‘Between science and politics: Portuguese biologists’ differentiated stances towards Lysenkoism’
Pedro Ricardo Fonseca (University of Coimbra)

The Mad, the Bad, and the Misunderstood: Reinterpreting Actors in the British Search for the Longitude
Organiser: Alexi Baker
Chair/commentator: Rebekah Higgitt

‘Jane Squire: class, gender, and religion in the search for the longitude’
Alexi Baker (University of Cambridge)

Laboratory Medicine in the Nineteenth and Early Twentieth Centuries
Chair: Miguel Garcia-Sancho

‘Henry H. Cheek: a transformist at Edinburgh University Medical School, 1826–32’
Bill Jenkins (University of Edinburgh)

‘The reception of the cell theory in nineteenth-century French biology: a comparison between Paris and Strasbourg’
Laurent Loison and Marion Thomas (SAGE, University of Strasbourg)
'Economies of limitation: Jacques Loeb’s mechanistic conception of energy'
Rebecca K. Wright (Birkbeck, University of London)

'From pathological collections to biobanks: medicine as a collection science'
Karin Tybjerg (Medical Museion, University of Copenhagen)

Science and the Unknowable
Chair: Amanda Rees

'Reconciling science and religion: Herbert Spencer, the New Reformation, and the unknowable'
Federico Morganti ('Sapienza’ Università di Roma)

'Estranged bedfellows: borderland science, Eastern Orthodoxy and calendar reformation in twentieth-century Greece'
Kostas Tampakis (National Hellenic Research Foundation)

'A mind-reading girl, psychophysical energy, and altered states in fin-de-siècle Russia'
Katya Mishuris (University of Michigan, Ann Arbor)

'Finding Meaning in Digital Data: Physics in the News, 1885–1925'
Vivien Hamilton (Harvey Mudd College)

Saturday 5 July
Academic Session 6
11.30–13.00

Creating “Useful Knowledge”: British Oceanic Mapping, 1700-1900
Organiser: Georgina Rannard
Chair: Sarah Easterby-Smith

New Horizons and Roads Well Travelled: An Open Discussion of the History of Science, Technology and Medicine in World War One
Organiser: Michael Weatherburn
Roundtable participants:
Graeme Gooday (University of Leeds)
Sabine Clarke (University of York)
Michael Weatherburn (Imperial College)
Science Policy in Britain
Chair: Simone Turchetti

*Catherine Herfeld (LMU Munich)*

‘“The project has been cancelled by the Cabinet, but we are still receiving invoices”: the changing power of the Treasury in scientific decision-making? 1964–71’
*Stuart A. Butler (University of Manchester)*

‘1972 and All That: the Rothschild Report– a memorable event in the history of government’s relations with the science community and its aftermath’
*Miles Parker (University of Cambridge)*

Science on Screen
Chair: tbc

‘Van Leeuwenhoek – The Movie: cinema as agent of national identity and scientific heritage’
*Mieneke te Hennepe (Museum Boerhaave, Leiden)*

‘Fear of Freud: psychiatry, psychoanalysis and movie censorship in the US and UK, 1930–1968’
*David A. Kirby (University of Manchester)*

‘Lights, camera, miracle: the aesthetics of wonder and religious science in Irwin Moon’s film series Sermons from Science’
*William R. Macauley (University of Manchester)*

Saturday 5 July
Academic Session 7
14.00–15.30

Natural Philosophy in Medieval and Early Modern Cambridge: A Reappraisal of Manuscript Culture and Knowledge Production
Organiser: Anna Marie Roos
Chair: Bruce Moran

‘Francis Willughby (1635–72): the chymical culture at Trinity College, Cambridge’
*Anna Marie Roos (University of Lincoln/University of Oxford)*

‘Natural philosophy in seventeenth-century Cambridge: a tale of three notebooks’
*Richard Serjeantson (Trinity College, Cambridge)*

‘Alchemy at Cambridge – a collective perspective’
*Anke Timmermann (Darwin College, Cambridge)*

Editorial and Commercial Practices in the Philosophical Transactions, 1750–1914
Organiser: Noah Moxham
Chair: Gowan Dawson

‘For the sole use and benefit of this Society’: The institutional takeover of the Philosophical Transactions and its aftermath, 1750–1827’
*Noah Moxham (University of St Andrews)*

‘Philosophical Transactions and the book trade in 1827 and 1907’
*Aileen Fyfe (University of St Andrews)*

‘Editing the Philosophical Transactions in an age of professionalization and specialization, 1854–1911’
*Julie McDougall-Waters (University of St Andrews)*
The Science of Management

Chair: tbc

’Scientific management at work: Charles Bedaux, Liberal technocrats, and the triumph of scientific management in Britain, 1920-50’
*Michael Weatherburn (Imperial College)*

‘Facilitating the growth of ergonomics: the role of government-funded industrial human factors research, 1947–1957’
*Roland Edwards (University of Manchester)*

‘De-militarising management science and “Settling down in Civvy Street” after World War II’
*Alice White (University of Kent)*

Colonial Medicine and Public Health

Chair: James Poskett

‘Investigating snakes in Company India: experiments, anecdotes, and antidotes’
*James R. Hall (University of Cambridge)*

‘“The door to the Frontiersman’s heart”: medical intervention on British India’s hostile Afghan border’
*Zujaja Tauqeer (University of Oxford)*

‘Colonial medical knowledge and its limits in Mozambique at the turn of the twentieth century’
*Rosa Williams (University of the Free State)*

50 Years of Horizon (1)

Organiser: Tim Boon
Chair: tbc

‘An oral history of Horizon’
*Jean-Baptiste Gouyon (Science Museum Research Associate)*

‘Absence and alienation in Horizon physics’
*Felicity Mellor (Imperial College)*

‘The go betweens: the changing role of anchor men, reporters and presenters in science TV documentary’
*Tim Boon (Science Museum)*

Saturday 5 July

Academic Session 8
16.00–18.00

Newton and Newtonianism

Chair: Anna Marie Roos

‘Corpus Newtonicum: reconstructing Isaac Newton’s working methods’
*Cornelis J. Schilt (University of Sussex)*

‘A priority case – who was the first to teach Newton?’
*Peeter Müürsepp (Tallinn University of Technology)*

‘The reception of Newtonianism in eighteenth-century Rome’
*Daniele Macuglia (University of Chicago)*

‘Constructing Newton – biography and the historiography of science’
*Thomas Bunce (Durham University)*

Sites of Science in the Eighteenth and Nineteenth Centuries

Chair: Hasok Chang

‘Public science at the Society for the Encouragement of Arts, Manufactures and Commerce’
*Matthew Paskins (University College London)*

‘“Raptures, transports, and surprising flights of fancy”: British cultures of ballooning and the Scottish Enlightenment’
*Caitlin Doherty (University of Cambridge)*
'The East India Company and scientific practice in Imperial London, c. 1815–51'
Jessica Ratcliff (Yale-NUS College)

"Glasgow is our laboratory": metropolis, province and philosophical engineering c. 1840s–1900
Ben Marsden (University of Aberdeen)

Communicating (with) Hearing Loss, 1840–1950
Organiser: Graeme Gooday
Chair: Richard Noakes

'Amplification with ambivalence: the varied fortunes of early electric hearing aids'
Graeme Gooday (University of Leeds)

'Amplifying historical voices'
Coreen McGuire (University of Leeds)

"Medresco": the pre-NHS origins of state-sponsored auditory assistance
Sean McNally (University of Leeds)

Adapting Medical Techniques and Technologies
Chair: tbc

'Classifying the patient: individuality and therapeutic bloodletting in late nineteenth-century medicine'
Eli Anders (Johns Hopkins University)

'Syphilisation and its discontents: experimental inoculation and the search for immunity against syphilis in England, 1860-1880'
Anne Hanley (University of Cambridge)

'Glasgow is our laboratory': metropolis, province and philosophical engineering c. 1840s–1900
Ben Marsden (University of Aberdeen)

50 years of Horizon (2)
Organiser/chair: Tim Boon

Documentary screening of Horizon to complement the earlier panel session.

Sunday 6 July
Academic Session 9
09.00–11.00

Early Modern Natural Philosophy
Chair: David Beck

'The mind in motion: Margaret Cavendish, organic materialism, and the mobility of thought'
Anne M. Thell (National University of Singapore)

'The concept of “action at a distance” and proper philosophical language in late seventeenth-century England'
Irene Goudarouli (University of Athens)

"Systems or Nothing": Physiologia and the History of Science, 1500-1700
Liza Blake (University of Toronto)

'Elements of interdisciplinarity in early modern historical writing. The use of “auxiliary sciences” in early modern antiquarian historiography'
Lydia Janssen (FWO-Vlaanderen/KU Leuven)
Visual Culture of Nineteenth-Century Science
Chair: Ben Marsden
‘Kaleidoscopic vision: David Brewster and the art of seeing things’
Iwan Rhys Morus (Aberystwyth University)
‘J. D. Forbes, curve plotting and visual culture’
Isobel Falconer (University of St Andrews)
“Sunspot mania”: Kew Observatory and the North British group in Victorian Science’
Lee T. Macdonald (University of Leeds)
‘Tupman’s travels: a transit expedition in caricature’
Rebekah Higgitt (University of Kent)

The International Geophysical Year: Historical Legacies and New Historiographical Approaches
Organiser: Elena Aronova (MPIGW)
Chair: tbc
‘Do projects become institutions? The International Geophysical Year and the origins of America’s biggest kind of science’
Roger D. Launius (National Air and Space Museum, Smithsonian Institution)
‘A very national Geophysical Year? The IGY in Italy’
Simone Turchetti (University of Manchester)
‘What we can learn from the correlation of IGY stations with overseas U.S. military bases: visualizing the military connections of the IGY’
Gregor Halfmann (Max Planck Institute for the History of Science)

‘Following the data of the IGY: environmental archives between geophysics and biology’
Elena Aronova (Max Planck Institute for the History of Science)

“Race”, “Ethnicity” and Research on Human Genetic Variation, 1930s-Present
Organiser: Ageliki Lefkaditou
Commentator: Gregory Radick
‘Scandinavia and the international scientific controversies on race 1930-1960’
Jon Rayne Kyllingstad (Norwegian Museum of Science and Technology)
‘Continuity and discontinuity: Greek physical anthropology, 1920s-1950s’
Ageliki Lefkaditou (University of Leeds/University of Oslo)
‘Race, ethnicity, and DNA: haplogroups and the new science of human classification’
Erika Hagelberg (University of Oslo)

Sunday 6 July
Academic Session 10
11.30–13.00
Should the History of Science Have Relevance?
Organiser: Fern Elsdon-Baker
Chair: Sally Horrocks
Roundtable participants:
Hasok Chang (University of Cambridge)
Sabine Clarke (University of York)
Gowan Dawson (University of Leicester)
Fern Elsdon-Baker (Coventry University)

Putting Nutrition Science in its Place: New Sites and Practices in Late Nineteenth-Century Physiology

Organisers: Elizabeth Neswald and Agustí Nieto-Galen
Chair: Elise Smith

'Hunger artists in the public sphere. The fasting contest of Giovanni Succi and Stefano Merlatti in Paris, 1886'
Agustí Nieto-Galan (Universitat Autònoma de Barcelona)

'Nutrition science and dietary surveys in the late nineteenth century'
Elizabeth Neswald (Brock University, Ontario)

'Tea, coffee, meat and tropical climate in the experiments of late nineteenth-century Brazilian experimental physiology'
Ana Carolina Vimieiro Gomes (UFMG, Brazil)

Science across Borders

Chair: tbc

'Why Europe won the Space Race: cooperative governance, the STEM-industrial complex, and the birth of the European Space Agency (1975)'

Sex and Medicine

Chair: tbc

'Titillation and generation: pornography and medical knowledge from the late-seventeenth to the mid-eighteenth century'
David Beck (University of Warwick)

'Understanding female pleasure: physicians and the anatomy of women in nineteenth-century France'
Aude Fauval (University of Lausanne)

'Making a game of AIDS: The representation of HIV/AIDS and safer-sex to children and young adults through educational learning games, 1987-1992'
Hannah Kershaw (University of Manchester)

Note to Participants

This is a provisional programme, and details may change prior to the start of the conference. Presentations will be included in the final programme after participants have registered.

Participants who wish to make any changes to their affiliation, abstract or paper title should notify the organisers at bshs2014programme@bshs.org.uk as soon as possible. Please let us know if you find that you are unable to attend the conference.

For queries about local arrangements, please contact bshsStAndrews2014@bshs.org.uk.

We look forward to seeing you at St Andrews!