

B S H S
THE · BRITISH
SOCIETY · FOR
THE · HISTORY
OF · SCIENCE



CENTRE
FOR THE
HISTORY
OF THE
SCIENCES

Science in Public: Past, Present and Future

13th-15th July 2016

University of Kent, Canterbury

Final Programme and Conference Timetable

Wednesday 13 July

Time	Sessions in KS15	Sessions in KS16	Sessions in KS17
11:30-12:45	Registration (Keynes College Foyer) and Lunch (from 12:00, in Teaching Foyer on 1st Floor)		
12:45-14:15	Session 1: Panel Writing the Natural History Museum	Session 2: Panel Pedagogy and Profession	Session 3: Panel What Grabs You?
14:15-14:30	Break		
14:30-16:00	Session 4: Discussion Contemporary & Public Histories of Science, Technology & Medicine	Session 5: Panel Lost Worlds	Session 6: Panel Patients Please
16:00-16:30	Tea & coffee		
16:30-18:00	Session 7: Plenary (KLT5) Constructing Scientific Communities: Prof Sally Shuttleworth (University of Oxford) and Prof Chris Lintott (University of Oxford)		
18:00-19:30	Wine reception		

Thursday 14 July

Time	Sessions in KS15	Sessions in KS16	Sessions in KS17
9:00-10:30	Session 8: Panel Laughing Gas	Session 9: Panel Intermedial Study of the Public Culture of Science I	Session 10: Panel Engaging for Risk Management
10:30-11:00	Tea & coffee and Poster Displays*		
11:00-12:30	Session 11: Discussion Comedy & SciComm	Session 12: Panel Intermedial Study of the Public Culture of Science II	Session 13: Panel Engaging for Inspiration

12:30-13:30	Lunch and Poster Displays (and British Society for the History of Science AGM in KS16)		
13:30-15:00	Session 14: Workshop Doing Stand-Up	Session 15: Workshop Creative Writing and Science	Session 16: Workshop Getting the Message Across: Digital Communications
15:00-15.30	Tea & coffee and Poster Displays		
15:30-17:00	Session 17: Plenary (KLT5) Unsettling Scientific Stories , Amanda Rees (University of York) and Iwan Rhys Morus (University of Aberystwyth)		
17:30-19:00	Science in Public Comedy Gig (Mungo's Bar, Eliot College)		
19:30	Dinner (Dolche Vita, Keynes College)		

Friday 15 July

Time	Sessions in KS15	Sessions in KS16	Sessions in KS17	Sessions in KLT5
9:00-10:30	Session 18: Panel Science & Religion in Public Spaces I	Session 19: Panel Populist Media	Session 20: Panel Engineering Success: Artisan Science	Session 21: Panel Periodical Cultures of Science
10:30-11:00	Tea & coffee			
11:00-12:30	Session 22: Panel Science & Religion in Public Spaces II	Session 23: Panel Never Work with Children or Scientists	Session Session 24: Panel Turf Wars: Boundaries and Biology	Session 25: Panel Behind the Scenes at the Museum
12:30-13:30	Lunch (and Science in Public Network meeting in KS16)			
13:30-15:00	Session 26: Panel Talking too Much, too Little & all Wrong	Session 27: Panel Mutant Science	Session 28: Panel Public Science in the 19th Century	

Navigation

Keynes College

All conference sessions will take place in Keynes College on the first floor. Tea, coffee, lunches, poster displays and the wine reception will all be located in the first floor foyer, outside the session rooms. The conference dinner with cash bar will be in Dolche Vita, on the ground floor of Keynes College.

Mungo's Bar

The comedy evening will take place in Mungo's Bar on the ground floor of Eliot College. Enter the college from the walkway, go straight across the courtyard and through the double doors, follow the signs round to the left and then down the staircase on your right. There will be a cash bar.

Outline of Sessions:

Session 1 (Panel): Writing the Natural History Museum

Organised by Janine Rogers

Chair: Sally Shuttleworth

- John Holmes (University of Birmingham), "Setting Science in Stone: The Natural History Museum as an Act of Resistance"
- Janine Rogers (Mount Allison University), "The Illuminated Museum: Book Culture and the Natural History Museum"
- Stefanie Jovanovic-Kruspel (Naturhistorisches Museum), "A Temple of Evolution: The Natural History Museum Vienna"

Session 2 (Panel): Pedagogy and Profession

Chair: Felicity Mellor

- Gareth Davies (speaker), Richard Holliman, Emma Rothero (Open University), "The Importance 'Blended Professionals' Play Operating in the Notion of a 'Third Space' in Engaged Research"
- Sarah Hartley (speaker, University of Nottingham), Beverley Gibbs (University of Sheffield), Warren Pearce (speaker, University of Sheffield) and Carmen McLeod (University of Nottingham), "Progressing the Pedagogy of Interdisciplinarity: Social and Natural Sciences in the TERRAIN Tool"
- Andy Ridgway (University of the West of England), "Key Skills and Employability Factors for Science Journalists in the Digital Age"

Session 3 (Panel): What Grabs You?

Chair: Oliver Marsh

- Elena Denia (INGENIO, CSIC and Polytechnic University of Valencia), “On the Public Attention to Science Achievements on Twitter”
- Joseph D. Martin (Michigan State University), “The Purloined Letter Effect: Prestige Asymmetry in the History of Science”
- Martin Bauer (London School of Economics), “Some Observations on a History of Science Communication”

Session 4 (Discussion): Contemporary and Public Histories of Science, Technology and Medicine

Chair: Angela Cassidy

Panellists:

- Christine Aicardi (King’s College London) “Integrated social scientist, covert historian: A first-hand experience”
- Martin Bauer (London School of Economics), “A historiography of ‘science communication?’”
- Amy Chambers (University of Sheffield), “Fictions, film and publics’ understandings of science”
- Jean-Baptiste Gouyon (University College London) “Researching the history of science on British television”
- Luisa Masserani (Museu da Vida, Rio de Janeiro), “José Reis, six decades of science journalism in Brazil”

Session 5 (Panel): Lost Worlds

Chair: Charlotte Sleight

- Yotam A Tsal (UC, Berkeley), “Le Vaillant and the Imperial Stuffed Animal: Enlightenment, Empire and the Eighteenth-Century Public Sphere”
- Alper Bilgili (Acibadem University), “Was Darwin Responsible for the Fall of the Ottoman Empire?”
- Chris Manias (Kings College London), “The Lost Worlds of Messmore & Damon: Science, Spectacle and Prehistoric Monsters in the Early-Twentieth Century United States”

Session 6 (Panel): Patients Please

Chair: Viviane Quirk

- Candace Massey (Simon Fraser University), “Making a Rule of the Exception-al Respondent: Tracing the Patient Testimonial as a New Form of Evidence-Making in the Era of Personalized Medicine”
- Lisa Whittaker (Tenovus Cancer Care), “Knowledge Exchange and Public Engagement with Cancer Research”

Session 7 (Plenary): Constructing Scientific Communities

Chair: Rebekah Higgitt

- Speakers: Sally Shuttleworth (University of Oxford) and Chris Lintott (University of Oxford): Constructing Scientific Communities Project

Session 8 (Panel): Laughing gas

Chair: Rebekah Higgitt

- James Sumner (University of Manchester), “Of Punched Cards and *Punch*: Historical Humour as a Source for Tracing Popular Understandings of Science and Technology”
- Ioannis Costas and Jon Chouler (University of Bath), “Standing Up for Comedy in Science”
- Oliver Marsh (University College London), “Le Geek, C'est Clique? Emotional and Definitional Meanings of Science Online”

Session 9 (Panel): Intermedial Study of the Public Culture of Science I (see Session 12 for Part II)

Organised by Jean-Baptiste Gouyon and Tim Boon

Chair: Oliver Hill-Andrews

- Jesse Olszynko-Gryn (University of Cambridge), “Technology on Screen: Public Visibility, Product Placement and Pregnancy Testing in British Television and Cinema”
- Jean-Baptiste Gouyon (University College London), “To Provide Instruction Through Pleasure. An Intermedial Investigation of Interactivity on TV and at the Museum”
- Tim Boon (Science Museum), “Scripts, Performances, Monuments and Encounters: Manifesto for a Project on the Public Culture of Science”

Session 10 (Panel): Engaging for Risk Management

Chair: Felicity Liggins

- Emma Weitkamp (speaker), Natasha Constant, Sarah Ayling and Lindsey McEwen (University of the West of England), “Citizen and Community Engagement within the Drought Risk and You Project”
- Lei Sun (Xiamen University), “Cross-cultural Interpretations of Protection Motivation Theory: Qualitative Data from China”

Poster Session

- Daniela R. de Figueiredo (University of Aveiro/ ASPEA), “Unravelling the Invisible Water World...”
- Filippo Guizzetti (University of Kent), “The Italian ‘Stamina Case’ Compared to Other Pseudoscience Controversies. The Value of the Scientific Community in Italian Society”
- Sarah Kounaves (King’s College London & Natural History Museum), “Science Engagement in the Digital Age: Understanding the Effect of Mobile Technology on Adult Engagement Experiences at a Natural History Museum”
- Ivvet Modinou (British Science Association), “Science Live – Connecting the Dots” (website demonstration)
- Aline Mongellaz (CNRS – Centre national de la recherche scientifique), “Can we Blunt the Effects of Scientific Twittershock?”
- Vivian Quirke (Oxford Brookes University), “From Pharmaceutical Innovation to Public Engagement: Steve Carter and the Micrarium in Buxton”
- Alice White (Wellcome Trust), “Wellcome to Wikimedia...”

Session 11 (Discussion): Comedy and SciComm

Chair: Rebekah Higgitt

- Panellists: Steve Cross, Jessamyn Fairfield, Oliver Marsh, Hauke Reische and James Sumner

Session 12 (Panel): Intermedial Study of the Public Culture of Science II (see Session 9 for Part I)

Chair: Jean-Baptiste Gouyon

- Oliver Hill-Andrews (University of Sussex), “Interpreting Science in Interwar Britain”
- Charlotte Sleigh (University of Kent), “‘Not One Voice Speaking to Many’: Duplicators, Radios and Science-Fiction Fans in the Mid-Twentieth Century”
- Jared Keller (Imperial College London), “‘Scientists have a Natural Tendency to Take Themselves very Seriously’: Science on BBC Radio in the Post-War Period”

Session 13 (Panel): Engaging for Inspiration

Chair: Angela Cassidy

- Felicity Liggins (speaker, Met Office), Ellen Dowell (Einstein’s Garden), Jamie Wardley and Claire Jamieson (Sand in Your Eye), “Overview of Sandscape, the MetOffice’s Award-Winning Outreach Programme”

- Trevor Collins, Victoria Pearson (speaker), Gareth Davies, Simon Sheridan, Richard Holliman, Helen Brown, Mark Russell and Jenny Hallam (Open University), and Anthony Steed (Denbigh School), “Using Live Video Conferencing to Enable Authentic School-University Engagement”
- Cristina Luis (Universidade de Lisboa, speaker), C. Conceição (Instituto Universitário de Lisboa), A.J. Monteiro (Universidade de Lisboa), A.F. Costa (Instituto Universitário de Lisboa), M.C. Lourenço (Universidade de Lisboa), “Humanities and Citizen Science in Portugal: An Overview”

Sessions 14-16: Workshops

- Doing Stand-Up Comedy, led by Steve Cross (Science Showoff)
- Creative Writing and Science, led by Charlotte Sleigh (University of Kent)
- Getting the Message Across with Digital Communications, led by Ewa Hermanowicz (EUFORGEN/Biodiversity International)

Session 17 (Plenary): Unsettling Scientific Stories

Chair: Charlotte Sleigh

- Speakers: Amanda Rees (University of York) and Iwan Rhys Morus (University of Aberystwyth)

Session 18 (Panel): Science and Religion in Public Spaces I (see Session 22 for Part II)

Organised by Alexander Hall and Fern Elsdon-Baker

Chair: TBC

- James Thompson (speaker) and Elisa Järnefelt (Newman University), “Constructed Conflict: Survey Design and the Public Perception of the Relationship Between Science and Religion
- Carola Leicht (University of Kent) and Carissa Sharp (Newman University), “Contemporary Views about Religious Scientists and Atheist Scientists: Findings from Experimental Social Psychology”
- Amy Unsworth (University of Cambridge), “Evolving Attitudes: Changes in Acceptance of Evolutionary Theory amongst Non-Religious, Christian and Muslim Publics”

Session 19 (Panel): Populist Media

Chair: TBC

- Martina Gröschl (University of Klagenfurt), “Follow the Traces of Popular Mathematics Books”
- David Kirby (University of Manchester), “Movie Censorship, Science Communication and the Deficit Model”
- Will Mason-Wilkes (Cardiff University), “Science as Religion? Representations of Science in Contemporary British Science Television”

Session 20 (Panel): Engineering Success: Artisan Science

Chair: Tim Boon

- Russell Meade (Cardiff University), “Embracing the Transformative Potential of Science: Popular Science and the Artisanal Class in Early Meiji Japan”
- Tom Ritchie (University of Kent), “Mathematics, Meccano and Models: The narratives of the Hartree Model Differential Analyser”
- Roland Edwards (University of Manchester), “Scientific Education at the Workplace: The Role of Non- Formal Educational Material”

Session 21 (Panel): Periodical Cultures of Science

Chair: TBC

- Rajive Tiwari (Belmont Abbey College), “Through the Looking Glass of Print Media: Popular Reflections on Science, Nationalism and Religion in 19th-Century India”
- Matthew R. Wale (University of Leicester), “‘Why Do Entomologists Want a Weekly Newspaper?’: Scientific Communication in Nineteenth-Century Natural History Periodicals”
- Fernando García Naharro (University of Madrid), “Deconstructing Scientific Journals: Science and its Audience Under Franco”

Session 22 (Panel): Science and Religion in Public Spaces II (see Session 18 for Part I)

Organised by Alexander Hall and Fern Elsdon-Baker

Chair: Will Mason-Wilkes

- Paul Merchant (The British Library), “Oral Histories of Science and Religion in Public”
- Alexander Hall (Newman University), “Reporting on US Affairs or Creating Creationists? Creationism on the BBC”

- Fern Elsdon-Baker (Newman University) – Discussant

Session 23 (Panel): Never Work with Children or Scientists

Chair: Tom Ritchie

- Melanie Keene (University of Cambridge), “Histories of the Sciences for Children: Past, Present, and Future
- Kanta Dihal (University of Oxford), “‘If You Can’t Explain It to a Six-Year-Old...’: Communicating Quantum Physics to Children”
- Clare Kemp (Open University), “Engaging Children and Young People with Contemporary Science”

Session 24 (Panel): Turf Wars: Boundaries and Biology

Chair: Chris Manias

- Matthew Holmes (University of Leeds), “Twentieth-Century Biotechnology in the British Landscape: Historical Reflections”
- Angela Cassidy (Kings College London), “Building a Public Controversy: Advocacy, Media and Politics in UK debates over bTB since 1971”
- Schmidt, Susanne A Schmidt (U of Cambridge), “The Politics of ‘Popular Science’: Midlife Crisis, Feminism and Psychology in Public in the 1970s”

Session 25 (Panel): Behind the Scenes at the Museum

Chair: John Holmes

- Huiping Chu (University College London), “Who Visits Science Museums in China?”
- Tim Huisman (Museum Boerhaave), “Re-thinking Museum Boerhaave”
- Jessica Norberto and Martha Marandino (University of Sao Paulo - USP), “Travelling Science Museums: Challenges and Experiences in Science Communication”

Session 26 (Panel): Talking too Much, too Little and all Wrong

Chair: Paul Merchant

- Melanie Smallman (University College London), “The Wrong Views, the Wrong Expertise and the Wrong Networks: Why Ten Years of Public Dialogue on Science and Technology has had Little Impact on Policy in the UK”
- Felicity Mellor (Imperial College London), “Not Communicating Science: A Typology of Silence”
- Elizabeth Jones (University College London), “History of Ancient DNA as History of Celebrity Science: Communicating Science in the Media Spotlight”

Session 27 (Panel): Mutant Science

Chair: Greg Radick

- Clare O'Reilly (University of Leeds), "Contests Between 'Citizen' Scientists and Taxonomists over the Wild Plant Hybrid in Britain 1850-1900"
- Rouyan, Anahita (University of Bologna), "Staging Experimental Life Sciences: The American Press and Hugo de Vries's Theory of Mutation 1900-14"
- Daniel Navon (University of California, San Diego), "Making and Remaking Facts: The Social Mediation of Genetic Mutations, 1959-2015"

Session 28 (Panel): Public Science in the Nineteenth Century

Chair: Melanie Keene

- Harriet Lloyd (University College London), "How to Describe Historical Audiences for Science"
- Daniel Belteki (University of Kent), "The Transit Circle in Transition: The Changing Public Image of the Airy Transit Circle During the Second Half of the 19th Century"
- Hsiang-Fu Huang (University College London), "The Use of Sublimity in Popular Astronomy: Lent, Monty Python and Brian Cox"