

Publish or Perish? The Past, Present and Future of the Scientific Periodical

**A history of science conference at the Royal Society
19-21 March 2015**

Academic Programme

Thursday 19th March 2013

1230-1300: registration

1300-1310: Welcome

1310-1410: Plenary: roundtable discussion - Adrian Johns (Chicago) & Jim Secord (Cambridge) Chair: Aileen Fyfe (St Andrews)

1430-1600: Parallel Session 1:

The Early *Phil Trans* and the Republic of Letters

Chair: Noah Moxham (St Andrews)

Daniel Carey (NUI Galway):

The History of Nature and the Ends of Travel: The *Philosophical Transactions*, Inquiries and the 'Natural History of Man'

Niall Hodson (Durham):

Henry Oldenburg's *Philosophical Transactions* as a Repository of Translations

Jens Bjerring-Hansen (DSL, Copenhagen):

The perils of periodicals: Some observations regarding 18th century concerns on journal reading

Reform and Reaction in the 19th and 20th centuries

Chair: David Knight (Durham)

James Mussell (University of Leeds):

Conservative Attitudes to Old-Established Organs: Oliver Lodge and the *Philosophical Magazine*

Steven Joseph (independent)

Awkward bedfellows: photography and scientific periodicals in Belgium, 1865-1890

Maeve Adams (Manhattan College)

Discipline and Publish: The Modern Academic Journal and the Reform of Scientific Scholarship

1600-1730: Focus session 1 – Form and Genre; or, what is a Scientific Journal?

Noah Moxham (St Andrews)

Iain Watts (Princeton)

Chair and Respondent: **Simon Schaffer** (Cambridge)

1730-1900: The Experience of Scientific Publishing – public oral history event.

A public oral history event, in which Fellows of the Royal Society discuss the changing experience of scientific publishing in the 20th century. Chaired by Professor Tilli Tansey (QMUL); participants included Professors Jonathan Ashmore, Uta Frith and John Meurig Thomas.

1900-2000: Wine reception and exhibition viewing (Philosophical Transactions: *350 years of publishing at the Royal Society*).

Friday 20th March: 0930-1100 – Parallel Session 2

Editors, Reviewers and Disciplinary Context

Chair: Peter Bowler (Queen's University, Belfast)

Roberto Lalli (MPIWG, Berlin)

'Dirty work' but somebody has to do it: Howard P. Robinson and the refereeing practices of *Physical Review* in the 1930s.

Sylvia Nickerson (York, Ontario)

Referees vs. publisher's readers as decision makers in mathematics and science

Jennifer Connor (Memorial University of Newfoundland):

The 'Least Understood' Medical Specialty: C20th developments in editorship

Distribution of scientific journals

Chair: Noah Moxham (St Andrews) [?]

Thomas Broman (Wisconsin)

The Profits (& Perils) of Publicity: The *Allgemeine Literatur-Zeitung*, the Thurn und Taxis Post, and the Periodical Business in the 1780s.

Alex Csiszar (Harvard):

The Separate Copy: A Secret History

Joris Vandendriessche (KU Leuven):

Historicising Peer Review: publishing procedures in 19th-century Belgian medical societies

1130-1230 – Plenary – Aileen Fyfe. Chair: Stuart Taylor (Royal Society)

Journals, learned societies and money: The Philosophical Transactions c.1750-1950

1330-1500 – Parallel Session 3 –

Images and Knowledge in the early *Philosophical Transactions*

Chair: Michael Hunter (Birkbeck)

Sachiko Kusakawa (Cambridge):

Illustrating the Philosophical Transactions: the first fifty years

Jim Bennett (Science Museum):

The use of text and image for communicating developments in instruments in the early Phil Trans

Meghan Doherty (Berea College):

Serialized Comparisons: Illustrating Anatomy in the Philosophical Transactions

Elizabeth Yale (Western Carolina University):

The Image of Antiquities in the First Century of the *Philosophical Transactions*

Beyond Europe: Learned Society Journals in the 20th Century

Beth LeRoux & Mariette Franken (Pretoria):

Transformations and Challenges in the Publication of Academic Journals in South Africa

Ke Zunke & Li Bin (University of Chinese Academy of Sciences):

Ke Xue and the Science Society of China

Peter Collins (Royal Society):

Publishing and the postwar Royal Society on the global stage

1500-1630 – Focus session 2: Peer review in the 19th and 20th Centuries

Julie McDougall-Waters (St Andrews)

Melinda Baldwin (Harvard)

Chair and Respondent: **Bill Brock** (Leicester)

1730-1900 – The Future of Scientific Publishing – Panel Discussion

A roundtable discussion of the challenges and opportunities the scientific journal faces in the future, featuring Professor Eva Baranyiova (Vice-President, European Association of Scientific Editors); Cameron Neylon (Advocacy director, Public Library of Science); Stuart Taylor (head of Publishing section, Royal Society); and Professor Diana Worrall (Bristol; Scientific editor, *Monthly Notices of the Royal Astronomical Society*).

1930-2130 – Conference Dinner (Royal Society)

Saturday March 21st

0900-1100 – Parallel Session 4

Chair: Sylvia Nickerson (York, Toronto) (TBC)

Maths in the Phil Trans

Sloan Despeaux (Western Carolina University):

Peer review for mathematics in the *Philosophical Transactions* and beyond

Adrian Rice (Randolph-Macon College)

“Fish Remarkably Stinking”: Augustus De Morgan's antagonistic attitude to the RS and its Phil Trans

Deborah Kent (Drake University)

The *Philosophical Transactions*: An inimitable publication across the pond

June Barrow-Green (OU):

“Merely a speculation of the mind?” William Henry Fox Talbot, the Phil Trans and mathematics

The European Circulation of the *Philosophical Transactions*, 1665-1800

Chair: Mordechai Feingold (Caltech) (TBC)

Jeanne Peiffer (Centre Alexandre Koyré, Paris):

Translating the *Philosophical Transactions* (1731-1741) Into French: François Brémond's Motivation and Agenda

Maria Conforti (Sapienza):

Becoming a scientific author: how Italians contributed to the *Philosophical Transactions*

Patrizia Delpiano (Torino)

The *Philosophical Transactions* in 18th century Italy

1115-1300 – Parallel Session 5

Constructing Scientific Communities – Citizen Science in the 19th and 21st Centuries

Chair: Jonathan Topham (Leeds)

Geoff Belknap (Leicester)

Participating in Science through the Illustrated Victorian Periodical

Berris Charnley (Oxford)

Publishing Eleanor Ormerod's *Observations of Injurious Insects* (1878-1901)

Sally Frampton (Oxford)

'A Borderland in Ethics': Relations between the medical and lay press in late Victorian Britain.

18th Century scientific authorship

Chair: Thomas Broman (Wisconsin)

Marie-Claude Felton (McGill):

Self-Publishing Science Journals in C18th Paris - a Comparative Study

Richard Sorrenson (Auckland):

How can a content analysis of the *Phil. Trans.* in the 18th century contribute to a history of the Royal Society?

13:00 CLOSE