

Scientiae 2013: Outline Programme

Wednesday 17th April

5-8pm Registration

Thursday 18th April

9:00-9:45am Registration and Coffee / Tea (registration desk open all day)

9:45-11:30 Plenary Session: first keynote address, Sachiko Kusakawa (University of Cambridge),
The role of the visual in the history of science: a historiographic review

11:30-11:45 Coffee / Tea

11:45-13:30 Concurrent Sessions I-IV

13:30-14:30 Lunch

2:30-4:15 Concurrent Sessions V-VII

4:15-4:30 Coffee / Tea

4:30-6:15 Concurrent Sessions VIII-X

Friday 19th April

9:00-10:45 Concurrent Sessions XI-XIV

10:45-11:00 Coffee / Tea

11:00-12:45 Concurrent Sessions XV-XVIII

12:45-1:45 Lunch

1:45-3:30 Concurrent Sessions XIX-XXII

3:30-3:45 Coffee / Tea

3:45-5:15 Plenary Session: second keynote address, Stephen Clucas (Birkbeck, University of London),
Exorcism, conjuration and the historiography of early modern magic

7:00 - ?? Conference Banquet, buffet and host bar (The Dirty Duck)

Saturday 20th April

9:00-10:45 Concurrent Sessions XXIII-XXVI

10:45-11:00 Coffee / Tea

11:00-12:45 Concurrent Sessions XXVII-XXIX

12:45-1:45 Lunch

1:45-3:30 Concurrent Sessions XXX-XXXII

3:30-3:45 Coffee / Tea

3:45-5:00 Round table discussion

Scientiae 2013: Full Programme

Wednesday 17th April

5:00-8:00pm Registration (Radcliffe)

Thursday 18th April

9:00-6:30pm Registration (Arts Centre upper foyer)

9:00-9:45am Coffee / Tea (Arts Centre upper foyer)

9:45-11:30 Plenary Session: Welcoming remarks and first keynote address (Woods-Scawen)
Chair: David Beck (Warwick)
Keynote Speaker: Sachiko Kusukawa (University of Cambridge)
Title: *The role of the visual in the history of science: a historiographic review*

11:30-11:45 Coffee / Tea

11:45-13:30 Concurrent Sessions I-IV

I. **Imagination and Superstition** (Studio)

Chair: Fabien Lacouture (Paris I Panthéon Sorbonne)

- Yuri Rudnev (Higher School of Economics, Moscow), *Benvenuto Cellini's "Medical Imagination"*
- Justo Hernández (University of La Laguna), *Evil Eye Within Early Modern Medicine*
- Teresa Esposito (University of Ghent), *Occult knowledge, alchemy and sacred geometry: some considerations on a portrait of Rubens from the Hermitage Museum*
- Alexandra W. Albertini (University of Corsica), *Medical approach and philosophical analysis of imagination in Burton and Malebranche's fight against superstition*

II. **Global and Local Knowledges in Seventeenth Century Spanish Science** (Woods-Scawen)

Chair: Rebecca Earle

Panel session convened by Marcelo Aranda

- Marcelo Aranda (Stanford University), *Cities of Science in the Spanish Empire: Madrid, Valencia, Mexico City and Cadiz, 1600-1810*
- José Ramon Marcaida Lopez (University of Cambridge), *Restricted sources for a global natural history: Nieremberg and the materials of the Hernández expedition*
- Brian Brege (Stanford University) *"One sees manifestly that the ancients were poorly informed about this and many other things": Filippo Sassetti, India, and Natural History, 1583-1588*

III. Synthesising Knowledge (Ensemble)

Chair: Per Landgren (Oxford / Leiden / Gothenburg)

- Adrian Seville (Independent Scholar), *Spiral Race Games of 63 spaces in relation to Knowledge Practices in late 16th and 17th century Europe*
- Richard Raiswell (University of Prince Edward Island), *Geography for Instruction and Use: Calvinist Geography in the Early Seventeenth Century*
- Filip Buyse (Paris I Panthéon Sorbonne), *Spinoza and Physics*
- Ovanes Akopyan (Lomonosov Moscow State University), *With "Latins" Against "Latin Vice": Savonarola, Saint Maxim the Greek and Astrology*

IV. Politics of Knowledge (S0.20)

Chair: Brandon Konoval (UBC)

- Steven Vanden Broecke (Ghent University), *Reginald Scot's Discoverie of witchcraft (1584) and early modern politics of bewitchment*
- Jessica Patella Konig (Duquesne University), *Francis Bacon on Nature: The Secret, the Erotic, the Dominated*
- Donald Carlson (Trinity Valley School), *Shakespeare's The Tempest: Magic and Mastery in the Early Modern World*
- Michael Downs (The University of Texas at Arlington), *John Dee's Occultism as Influence for English Maritime Expansion*

13:30-14:30 Lunch

2:30-4:15 Concurrent Sessions V-VII

V. The Two Books (Studio)

Chair: Allison P. Coudert (University of California at Davis)

- Kevin Killeen (York University), *The physics of resurrection: science, soul and early modern prose*
- Mike Zuber (University of Amsterdam), *Copernicanism and God's Two Books in Lutheran Germany: The Case of Johann Jacob Zimmermann*
- Lloyd Strickland (Manchester Metropolitan University), *The use of scripture in the beast-machine controversy*

VI. Comedy and Spectacle (Woods-Scawen)

Chair: Tricia Peone (University of New Hampshire)

- Angelica Groom (University of Sussex), *Early modern natural science as an agent for change in naturalist painting: Jacopo Ligozzi's zoological illustrations as a case study*
- Judy A. Hayden (University of Tampa), *Stages of the Moon: Astronomy and Eighteenth Century English Comedy*
- Stephen Pender (University of Windsor), *The Science and Therapy of Laughter*

VII. The Ways of Consciousness: Geulincx, Locke and Hobbes (Ensemble)

panel session convened by Andrea Sangiacomo

- Participants: Andrea Sangiacomo (Ecole Normale Supérieure de Lyon / University of Macerata), Francesca Rebasti (Università degli Studi of Milan), Mike Misiewicz (King's College London), *Spinoza, Religion and Science: Scientia Intuitiva and the Numen of Knowledge*

4:15-4:30 Coffee / Tea

4:30-6:15 Concurrent Sessions VIII-X

VIII. Experiments and Technologies (Studio)

Chair: James Lancaster (Warburg Institute)

- James Everest, *Francis Bacon's Experiments on Light: the 'Topica Inquisitionis de Luce et Lumine' and its Place in his Thought*
- Anthony Ossa-Richardson (Queen Mary, University of London), *The Early Modern Sneeze*
- Giuliana Di Biase (Gabriele d'Annunzio), *Health and Natural Histories of maladies: Locke's approach to Medicine*
- Jeff Kochan (University of Konstanz), *Magicians, Miners, and Magnetical Experiments: Zinsel and Henry on William Gilbert*

IX. Alchemical Knowledge (Woods-Scawen)

Chair: Daniel Selcer (Duquesne University)

- Jennifer Rampling (University of Cambridge), *The Three Mercuries: Patronage, Polemic and Practice in Early Modern Alchemy*
- Anke Timmermann (Medical University of Vienna), *Between the Disciplines: Alchemical knowledge at the early modern University of Vienna*
- Marieke Hendriksen (University of Groningen), *Quicksilver Doctors: Mercury in Eighteenth-Century Chemistry and Anatomy*

X. Divine Nature (Ensemble)

Chair: Kevin Killeen (York University)

- Alissa MacMillan (Institute for Advanced Study Toulouse), *Belief in Men: Hobbes on Knowledge, Scientific and Religious*
- Paul Greenham (University of Toronto), *Exploring the Role of the Creator in Newton's Late Chymistry*
- Joan Burton (UFABC, Brazil), *From Polygons to Polyphony: Religion and Science in the life's work of Johannes Kepler*
- Joseph Zepeda (Saint Mary's College of California), *Descartes on Transubstantiation and Local Motion: Theology and Common Sense as (Putative) Authorities*

Friday 19th April

9:00-10:45 Concurrent Sessions XI-XIV

XI. Human Nature and Passion (Studio)

Chair: Judy A. Hayden (University of Tampa)

- Laurens van Apeldoorn (Leiden University), *Thomas Hobbes, Natural Philosophy and the Study of the Human Mind*
- Kristina Turner, *The allegory of The Magnetic Lady*
- Christopher Edelman (University of the Incarnate Word), *Essaying Oneself: Montaigne on Philosophy as a Way of Life*
- David Clemis (Mount Royal University), *Craving, Habit and Addiction in Early Modern English Medical Thought*

XII. Experience, Theory and Practice (Woods-Scawen)

Chair: Richard Raiswell (University of Prince Edward Island)

- Carla Bromberg (Pontical Catholic University of Sao Paulo), *Musical Knowledge and searching to know how to do things*
- Barbara Tramelli (Max Planck Institute for the History of Science), *Theory and Practice in sixteenth-century Milan: Giovanni Paolo Lomazzo's Del Colore*
- Adam Rzepka (Stanford University), *"Approved...confirmed...and dayly tried": the rise of experience in sixteenth-century English instructional writing*

XIII. Novelty and Progress (Ensemble)

Chair: John R.R. Christie (Oxford University)

- Daniel Spelda (University of West Bohemia), *Understanding of the history of astronomy in the 17th century: Hevelius, Cellarius and Cassini on the progress of astronomy*
- Thomas Colville (University of Warwick), *'Intelligence' in the early modern period: The Royal Society, Scottish Physicians and the complexities of intellect*
- Natalie Kaoukji (University of Cambridge), *Writing, progress and the history of invention*
- Sophie Weeks (University of Leeds), *A new means to a new end: Francis Bacon's art of discovery*

XIV. Medical Systems (S0.20)

Chair: Jennifer Rampling (University of Cambridge)

- Rina Knoeff (University of Groningen), *"Vital Matters" and "Quicksilver Doctors"*
- Neil Tarrant (Imperial College London), *Rethinking the decline of astrology: the case of Italian Medicine, 1600-1800*
- Fabien Lacouture (Paris I Panthéon Sorbonne), *Science of birth : a women experience through a men viewpoint*

10:45-11:00 Coffee / Tea

11:00-12:45 Concurrent Sessions XV-XVIII

XV. Thinking in Tables (Studio)

Chair/Responent: Sachiko Kusukawa (University of Cambridge)

panel session convened by Sietske Fransen

- Participants: Sietske Fransen (Warburg Institute, University of London), Fabian Krämer (Ludwig-Maximilians Universität München) Richard Oosterhoff (University of Notre Dame, USA)

XVI. Observation and Historia (Woods-Scawen)

Chair: Tim Huisman (Museum Boerhaave, Leiden Netherlands)

- Brian Nance (Coastal Carolina University), *Rhetoric, Reformation, and Empiricism in the Observations of Pieter Van Foreest*
- Per Landgren (Oxford / Leiden / Gothenburg), *Loci-Communes and the Formation of Scientiae. The Aristotelian Concept of Historia and the Management of Knowledge*
- Isabelle Charmantier (Exeter University), *Between Natural History and Medicine: Carl Linnaeus's Medical Writings*

XVII. Music and Scientiae (Ensemble)

Chair: Jacomien Prins (IAS, CSR, Warwick University)

- Vittoria Feola (Vienna Medical University), *Scientific oratorios for Leopold I*
- Johann F. W. Hasler (Universidad de Antioquia (Medellín - Colombia), *Kepler's Contributions to the Tradition of the 'Music of the Spheres'*
- Marcin Konik (Jagiellonian), *Cosmology of 16th century music treatises*

XVIII. Chronologies (S0.20)

Chair: Steve Matthews (The University of Minnesota, Duluth)

- Michal Choptiany (Jagiellonian University), *Ioannes Broscius and calendars: Chronology in the service of irenicism and proselytism*
- Allison P. Coudert (University of California at Davis), *The Apocalypse, Science, and Modernity*
- Abram Kaplan (Columbia University), *From Final to Efficient Cause: Secularizing Providence in Machiavelli*

12:45-1:45 Lunch

1:45-3:30 Concurrent Sessions XIX-XXII

XIX. Anti-mathematicism in early modern and Enlightenment science (Studio)

panel session convened by Charles Wolfe

- Eric Schliesser (Ghent University), *The Roots and Nature of Eighteenth Century Anti-Mathematics*
- Iulia Mihai (Ghent University), *Euler and D'Alembert on the application of mathematics to physics*
- Charles T. Wolfe (Ghent University), *Vital materialism and hostility to mathematics in the Enlightenment: Diderot and his contemporaries*

XX. New Light on the Early Descartes: An unknown manuscript of the 'Rules for the Direction of the Mind' (Woods-Scawen)

panel session convened by Richard Serjeantson

- Richard Serjeantson (University of Cambridge), 'The new manuscript of Descartes's *Regulae*: nature, structure, significance'
- Michael Edwards (University of Cambridge), 'Descartes's early philosophical development in the light of the new *Regulae* manuscript'

XXI. The History of Nature (Ensemble)

Chair: Claire Preston (University of Birmingham)

- Stephen Boyd Davis (Royal College of Art), *The Two Eyes of History*
- John R.R. Christie (Oxford University), *Natural Knowledge and Early Modern Historical Consciousness*
- Svorad Zavarsky (Slovak Academy of Sciences, Jan Stanislav Institute of Slavonic Studies), *The Cosmology of Martinus Szent-Ivany (1633–1705)*

XXII. Myth, Monstrosity and Wonder (S0.20)

Chair: Cassandra Gorman (University of Cambridge)

- Martha McGill (University of Edinburgh), *Intellectual investigation of apparitions in late-seventeenth and early-eighteenth century Scotland*
- Katherine Butler (Oxford University), *Myth, Science, and the Power of Music in Late Seventeenth-Century England*

- Tricia Peone (University of New Hampshire), *"Strange to Consider": Interpreting the Preternatural in the Early Modern Atlantic World*
- Nausicaa Elena Milani (Università di Parma), *Preformationism and epigenesis: two models of life sciences in the 18th century. Pierre Sylvain Régis and the controversy over the monstrous beings*

3:30-3:45 Coffee / Tea

3:45-5:15 Plenary Session: second keynote address (Woods-Scawen)
Chair: James Dougal Fleming (Simon Fraser University)
Keynote Speaker: Stephen Clucas (Birkbeck, University of London)
Title: *Exorcism, conjuration and the historiography of early modern magic*

7:00 - ?? Conference Banquet, buffet and host bar (The Dirty Duck)

Saturday 20th April

9:00-10:45 Concurrent Sessions XXIII-XXVI

XXIII. Logic and Philosophy (Studio)

Chair: Richard Serjeantson (University of Cambridge)

- Cathay Liu (Yale University), *Certainty and Explanation of Descartes' Scientia*
- Constance Blackwell (Birkbeck), *Pierre Gassendi, Georg Walch and Jacob Brucker purge philosophy of its errors As their histories of logic become the history of philosophy*
- Elliot Rossiter (The University of Western Ontario), *John Locke, Covenant Theology, and the Laws of Nature*
- Andrea Strazzoni (Erasmus University Rotterdam), *Denying evidence: Regius's theological foundation of Cartesian physics*

XXIV. The Limits and Implications of Empirical Knowledge (Woods-Scawen)

Chair: Charles T. Wolfe (Ghent University)

- James Griffith, *Fabulous Traditions and Making Sense in Leviathan*
- Brandon Konoval (UBC), *Atlantis, Utopia and Beyond: Unnatural History in Early Modern Travel Literature*
- Claudia Stein (University of Warwick), *Potatoes and Biopower in Eighteenth-Century Bavaria*
- Lydia Janssen (KU Leuven / FWO Vlaanderen), *Hugo Grotius's 'De origine gentium Americanarum' and its critic Johannes De Laet. A methodological discussion in times of changing scholarly paradigms*

XXV. Atomism and the Passions (Ensemble)

Chair: David Clemis (Mount Royal University)

- Daniel Selcer (Duquesne University), *Minimal Analogies and Minute Bodies in Hooke's Micrographia*
- Cassandra Gorman (University of Cambridge), *Feeling Inside the Atom: Seventeenth-century Literary Responses to Atomism*
- Bihotz Barrenechea Dominguez (Saint Andrews University), *The Anatomy of the Passions*

XXVI. Patronage and Court Science (S0.20)

Chair: Vittoria Feola (Vienna Medical University)

- Jakob Bek-Thomsen (Aarhus University), *The use of 'historia' in Nicolaus Steno's geology*
- Gábor Almási (Ludwig Boltzmann Institut, Neulateinische Studien (Innsbruck)), *Why Tycho Brahe needed the Emperor and vice versa? A study of scientific patronage*
- Marlise Rijks (University of Ghent and the Max Planck Institute for the History of Science (Berlin)), *Artists' Collections in the Early Modern Netherlands*
- Valentina Pugliano (Max-Planck-Institut fuer Wissenschaftsgeschichte, Berlin), *Natural history, medicine, and sociability in the Renaissance pharmacy shop*

10:45-11:00 Coffee / Tea

11:00-12:45 Concurrent Sessions XXVII-XXIX

XXVII. Art and Medicine (1) (Studio)

panel session convened by Jacomien Prins and sponsored by the Institute of Advanced Study

- Francesca Marchetti (University of Bologna), *The development of botanic and anatomic illustration in Italy and its reception (1480-1550)*
- Ingrid Rowland (University of Notre Dame, Rome), *Athanasius Kircher's magnet of love*
- Bettina Noak (Freie Universität Berlin), *The reception of medical authorities in the work of Steven Blankaart (1650-1702)*

XXVIII. Linguistic Diversity (Woods-Scawen)

Chair: Stephen Pender (University of Windsor)

- James Dougal Fleming (Simon Fraser University), *Universal language and the early-modern end of the world*
- Claire Preston (University of Birmingham), *Impertinent, cloudy, and darksome: scientific neologism*
- Katherine Hunt (Birkbeck / The London Consortium), *'If words be more to teach than tickle': English as the language of the new science in Nathaniel Fairfax's On the Bulk and Selvedge of the World (London 1674)*
- Jesse G. Swan (University of Northern Iowa), *Waning Literary Humanism, Incipient Liteary Scientism and the Lauder Controversy*

XXIX. Experimental Learning (Ensemble)

Chair: Jeff Kochan (University of Konstanz)

- Maria Avxentevskaya (Freie Universitaet Berlin), *Practicing the Truth: the Metaphorical Epistemology of John Smith*
- Miranda Anderson (Edinburgh), *The Finite and the Extended Subject*
- Steve Matthews (The University of Minnesota, Duluth), *Eriugena's Cosmos and the Baconian Vision*
- Ingrid Cartwright (Western Kentucky University), *Equestrian Engineering: Prince Maurits, Simon Stevin, and the Spanish Warhorse*

12:45-1:45 Lunch

1:45-3:30 Concurrent Sessions XXX-XXXII

XXX. Art and Medicine (2) (Studio)

panel session convened by Jacomien Prins and sponsored by the Institute of Advanced Study

- Penelope Gouk (Manchester University), *Music and medical learning in early modern England*
- Jacomien Prins (IAS, CSR, Warwick University), *Marin Mersenne's critique of Renaissance theories concerning music's influence on the human soul*
- Femke Molekamp (IAS, CSR, Warwick University), *Managing 'violent passion': the life-writings of Dorothy Osborne and Elizabeth Delaval*

XXXI. Making Knowledge: Images and Models (Woods-Scawen)

Chair: Richard Oosterhoff (University of Notre Dame, USA)

- Anna Marie Roos (Oxford University), *Shell Game: Knowledge at Work in Martin Lister's *Historiae Conchyliorum**
- Tim Huisman (Museum Boerhaave, Leiden Netherlands), *Anatomy and Beyond. The anatomical atlas of Govard Bidloo and Gerard de Lairese*
- Simone Kaiser, *Framing Disciplines of Knowing in Sixteenth-Century Gardens*

XXXII. Francis Bacon's art of discovery: origins and development (Ensemble)

panel session convened by Dana Jalobeanu

- Participants: Dana Jalobeanu (University of Bucharest), James Lancaster (Warburg Institute), Mihnea Dobre (University of Bucharest), Oana Matei (Western University "Vasile Goldis", Arad)

3:30-3:45 Coffee / Tea

3:45-5:00 Round-table discussion (Woods-Scawen)

Sponsors

