

SCIENTIAE 2015

27-29 May 2015, University of Toronto

DAY ONE: WEDNESDAY, MAY 27

8:00 – 8:45

EM 119

REGISTRATION

8:45 – 9:00

EM 001

WELCOMING ADDRESS

James A. T. Lancaster (Warburg Institute), Principal Organizer

9:00 – 10:30

EM 001

KEYNOTE

Chair: James A.T. Lancaster (Warburg Institute)

Peter Dear (Cornell University): *Multiplex erit scientia*: Reason as a universal solvent in early-modern knowledge

10:30 – 11:00

EM 119

COFFEE BREAK

11:00 – 12:30

1. Making Sense of Space in the 16th and 17th Centuries History

EM 001

Chair: Janine Rogers

Richard Raiswell (University of Prince Edward Island)
How cold can it be? English Geographical Speculation and the Search for the Northern Route to the East

Raphael Falco (University of Maryland, Balt. County)
Chorography, Myth, and Memory in Michael Drayton's Poly-Olbion and Elegies Upon Sundry Occasions

Peter Hess (University of Texas at Austin)
The case against spatial knowledge in sixteenth-century Germany

2. Empiricism in the Religious Discourses of Early Modern England

EM 108

Chair: James A.T. Lancaster

James Pedlar (Tyndale University College)
The 'Spiritual Senses' and John Wesley's Response to Empiricism

Natasha Duquette (Tyndale University College)
Empiricism, Emotion, and Eschatology in the Poetry of Katherine Philips and Anne Finch

Kristen Irwin (Loyola University)
Locke's Empiricist Epistemology of Religion in the Essay Concerning Human Understanding

3. Alchemy

NF 113

Chair: Vittoria Feola

Jennifer M. Rampling (Princeton University)
Prior Convictions: Alchemy, Fraud, and Expertise in English Religious Houses

Paul Greenham (University of Toronto)
Reading Alchemy with Isaac Newton

Ken Henson (Art Academy of Cincinnati)
Tracing the Macrocosm: The Influence of Renaissance Alchemical Philosophy on Eclectic Medicine

4. Science, techné (ars), and technology in the Early Modern Period (I)

NF 119

Chair: Maria Helena Roxo Beltran

Maria Helena Roxo Beltran
(Pontifical Catholic University of São Paulo)
Text/image relationships in early printed books: some remarks on alchemical/chemical images

Vera Cecília Machline
(Pontifical Catholic University of São Paulo)
Images blending the traditional four temperaments with Galen's humoral views

12:30 – 1:30

LUNCH

1:30 – 3:00

5. Foreign Knowledge

EM 001

Chair: Kathryn Walls

Kristin Shimmin (Carnegie Mellon University)
Structuring Politics with Natural Histories: creolizing scientific expertise in Edward Long's The History of Jamaica (1774)

Patrick J. Connolly (Iowa State University)
Locke, Pyrrard, and Coconuts: Travel Literature as Natural History

Stefano Gulizia (CUNY)
Speaking Clocks for the Sultan: Understanding Automata in the Early Modern Mediterranean

6. Books and their Readers

EM 108

Chair: Hélène Cazes

Vittoria Feola
(Gerda Henkel Fellow, Oxford University)
Eugene of Savoy's library and network. An anti-radical Enlightenment case study?

Cornelis J. Schilt (University of Sussex)
Known by the books he keeps: Scenes from the library of Isaac Newton

Dina Bacalexi & Mehrnaz Katouzian-Safadi (CNRS)
Two readings of Galen: Rhazes (9th-10th century) and Leonhart Fuchs (16th century)

7. Exegesis, Scripture Conditioning Knowledge

NF 113

Chair: Richard Raiswell

Atsuko Fukuoka (University of Tokyo)
Arts and Crafts in Creating Sovereignty from the Old Testament: The Case of Hobbes and his Dutch Contemporaries

Ran Segev (University of Texas at Austin)
The Search for Mount Carmel in the New World: Fray Antonio Vázquez de Espinosa and Geography at the Service of Faith

8. Science, techné (ars), and technology in the Early Modern Period (II)

NF 119

Chair: Vera C. Machline

Alison K. Lingo (UC, Berkeley)
The Revival of the Case History in Early Modern Paris: Louise Bourgeois, Ambroise Paré and Jacques Guillemeau

Lais dos Santos Pinto Trindade
(Pontifical Catholic University of São Paulo)
Chemical arts and techniques in seventeenth-century France: medicinal and cosmetic recipes

3:00 – 3:30

EM 119

COFFEE BREAK

3:30 – 5:00

9. The Problem of Certainty

EM 001

Chair: Charlie Huenemann

Marcin Konik (Jagiellonian University, Poland)
Devil and devilish tricks - different views on the problem in Early Modern Poland

Mark K. Boespflug (University of Colorado-Boulder)
Locke's Novel Doxastic Practice: The Proportionality Thesis

Leah Knight (Brock University)
She Knew She Was Right: How Anne Clifford Read Her History

10. Graphs and Diagrams

EM 108

Chair: Elaine C. Stroud

Peter Distelzweig (University of St. Thomas)
Illustrating Utilitates: Girolamo Fabrici's other images

Stewart Weaver (University of Rochester)
Halley's Chart: Science, Exploration, and the Graphic Representation of Knowledge in the English Enlightenment

Margaret E. Schotte (York University)
Our Place on the Globe: The Evolution of Cosmographical Diagrams in Sailors' Manuals, 1550-1700

11. Representing / Translating Knowledge

NF 113

Chair: David Beck

Mike A. Zuber (University of Amsterdam)
Philosophical Delights: Knowledge-Based Entertainment Performances in Polite Society, 1636-66

Matthijs Jonker (University of Amsterdam)
Artistic Images as Instruments in Early Modern Scientific Practices

J.D. Fleming (Simon Fraser University)
How to mean things with marks: The informational character of John Wilkins

12. Morality and Scientiae

NF 119

Chair: Steve Matthews

Elliot Rossiter (University of Western Ontario)
The Moral Dimensions of Robert Boyle's Physico-Theology

Chris Meyns (UCL/University of Toronto)
Leibniz and the Ethics of Probability

Lívia Guimarães
(Universidade Federal de Minas Gerais)
Chesterfield's Letters to his Son – natural and political breeding and sociability – a tincture of skepticism

5:00 – 6:30

13. Early Modern Aristotelianism and Its Opponents

EM 001

Chair: James Dougal Fleming

Tomas Nejeschleba (Palacky University Olomouc)
Valeriano Magni: Is Modern Science Compatible with an Scholastic Philosophy and Metaphysics?

Simona Boscani Leoni (University of Berne)
Aristotelianism, Empiricism, Eclecticism: Knowledge practices in the Old Swiss Confederation

14. Faith and the New Science

EM 108

Chair: James A.T. Lancaster

Anna Frammartino Wilks (Acadia University)
Blumenbach and Kant on Biological Force

Nigel Fernando (University of Toronto)
Of Nature and Grace: Exploring the Port Royal Writings

Karine Durin (University of Nantes)
Natural reason in natural philosophy in Early Modern Spain

15. Globalizing Scientiae

NF 113

ROUNDTABLE

J.B. Shank (University of Minnesota)

Roger Hart (Texas Southern University)

Carla Nappi (University of British Columbia)

Robert G. Morrison (Bowdoin College)

6:30 – 8:00

TBA

WINE RECEPTION

DAY TWO: THURSDAY, MAY 28

9:00 – 10:30

16. Theology and the New Science

EM 001

Chair: Steven Matthews

Jennifer Egloff (New York University)

Calculating the Apocalypse: Early Modern Mathematicians' Interdisciplinary Approaches to Interpreting Revelation

Karen Hollewand (University of Oxford)

The banishment of Beverland: the radical ideas of a humanist scholar on sex, sin and the Bible in the late 17th century Dutch Republic

Harman Bhogal (Birkbeck, University of London)

Understanding Demons: Demonology in Post-Reformation England

17. Visualising Knowledge

EM 108

Chair: David Beck

Ashley D. West (Temple University)

Representing German Sacred Treasuries and the Making of the Image of Objectivity before the Era of Science

Elaine C. Stroud (University of Wisconsin-Madison)

The Borders of Art and Science: The role of illustration in developing and promoting scientific ideas at the center of a controversy between Thomas Hobbes and René Descartes

Filip Malešević (University of Fribourg)

The visibility of the "Romana Ecclesia" in posttridentine Rome: Cesare Baronio and the disclosure of the invisible

18. Experience, Experiment, Expound, Explode:

Coterie Writing and the Scientific Revolution

NF 113

Chair: Adam Katz

Adam Katz (Stony Brook University)

Paradise Tossed: How the Reformation Shaped the Reception of Thomas More's Utopia and the entire course of scientific inquiry

Anthony Oliveira (University of Toronto)

Revolutions of Dust: John Donne and the Manhattan Project

10:30 – 11:00

EM 119

COFFEE BREAK

11:00 – 12:30

19. Learned and Vernacular Traditions in Early Modern Venice

EM 001

Chair: Mark Jurdjevic

Tawrin Baker (Indiana University, Bloomington)

A Dead Eye Is Not Really an Eye: Determining Structure and Action in Sixteenth Ocular Anatomy

Cynthia Klestinec (Miami University-Ohio)

Medicine and the Scientific Revolution: Circulating Value in the Medical Marketplace in Early Modern Venice

Meredith K. Ray (University of Delaware)

Erina's Island: Scientific Culture and Women's Writing in Seicento Venice

20. Depicting and the Imagination

EM 108

Chair: H  l  ne Cazes

Judy Jansen (University of British Columbia)

Bodies of Knowledge: Anatomical Frontispieces in the Early Modern Era

Caroline O. Fowler (Center for Advanced Study in the Visual Arts)

A Universal Immateriality: Bernard Picart and the Matter of Art and Religion

Kathryn Morris (University of King's College)

Margaret Cavendish: Natural Philosophy and the Imagination

21. Literature and the Epistemic Shift in 17th-Century Literature

NF 113

Chair: Mary Nyquist

Erin Webster (Birkbeck, University of London)

"To See and Tell of Things Invisible" in a Post-Galilean Age

Sam Kaufman (University of Toronto)

Lunacy after Galileo: Melancholy, Hysteria, and Religious Transformation in The Duchess of Malfi

Mingjun Lu (University of Toronto)

"Wisdom-giving Plant" as "Mother of Science": Miltonic Causation and the Mechanical Science

12:30 – 1:30

LUNCH

1:30 – 3:30

22. Mapping Networks of Astronomical Knowledge

EM 001

Chair: Kathleen Crowther

Peter Barker (University of Oklahoma)
The Rise of the New Theorica

Johanna Biank (Max Planck Institute for the History of Science, Berlin)
*Pseudo-Proclus's Sphaera:
A Neoplatonic alternative to Sacrobosco's treatise?*

Kathleen Crowther (University of Oklahoma)
Sacrobosco's Sphere in Portugal and Spain

Matteo Valleriani (Max Planck Institute for the History of Science, Berlin)
*Network and Identity The Shared Scientific Knowledge
of the Tracts De sphaera*

23. Faculties and Their Impairment

EM 108

Chair: James A.T. Lancaster

Julia Reed (Harvard University)
Blindness and Haptic Perception before Molyneux's Problem

David Clemis (Mount Royal University)
*Legal Doctrine, Medical Knowledge and the
Moral Agency of the Early Modern English Drunkard*

Adam Rzepka (Montclair State University)
"We loose it like Lightning": Early Modern Apprehension

Alexandra Chadwick (Queen Mary, London)
*The language of mind and soul in Hobbes's account
of man's natural faculties*

24. Dissemination

NF 113

Chair: Cornelis J. Schilt

Lauren R. Cannady (Karl-Franzens-Universität, Graz)
*Locating the art in the Parisian Société des arts
collective of the 1720s and 1730s*

Will Brown (Johns Hopkins University)
*Publishing Empire: Esprit de Cabart de Villermont's Archive
and the French Periodical Press, 1652-1707*

Sundar Henny (University of Cambridge)
*Turning Geography into Anthropology.
The Reception of Strabo during the Enlightenment*

3:30 – 4:00

EM 119

COFFEE BREAK

4:00 – 5:30

25. Science and Politics

EM 001

Chair: Charlie Huenemann

Kathryn Walls (Victoria University of Wellington, NZ)
*The Newtonian system as a model of government:
Desaguliers and Alexander Pope*

Ansgar Lyssy (LMU Munich)
*Reason and its Practical Limits:
Leibniz on Political Rationality*

Marcus P. Adams (University at Albany, SUNY)
Thomas Hobbes on the Laws of Nature

26. Observation and Action

EM 108

Chair: Steven Matthews

Lindsay Alberts (Boston University)
*Transformation:
The Studiolo of Francesco I as Educational Space*

Hélène Cazes (University of Victoria)
*The Anatomist and the Butchers:
The Fabric of Andreas Vesalius' scientia*

Reem Elghonimi (The University of Texas at Austin)
*Seeing Small: Mathematical Optics and the
Dissection of Nature in Interregnum and
Republican England, 1640-1657*

27. Rhetoric & Presentation

NF 113

Chair: James Douglas Fleming

Brian Nance (Coastal Carolina University)
*Beyond the Humility Trope: Humanisms in the
Observationes of Petrus Forestus*

Noa Yaari (York University)
*Does Air weigh in Air? First Experiments in Late
Sixteenth Century Pisa and the
Use of Descriptive Language*

Janine Rogers & Samuel Gessner (Mount Allison
University & University of Lisbon)
*The Textual Heritage of the De Fabrica et Usu
Treatises: Chaucer's "Treatise of the Astrolabe" at the
threshold of the early modern tradition
of scientific instrument texts.*

28. Regimens of Health in Early Modern Europe

EM 119

Chair: Lucia Dacome

Sandra Cavallo (Royal Holloway)
*Authorship, form and audiences of Italian regimens of
health (late 15th-late 17th centuries)*

David Gentilcore (University of Leicester)
*Regimens, medical authority and foodways
in early modern Europe*

Tessa Storey (Royal Holloway)
*English and Italian Regimens: the Protestant and the
Catholic Body in the sixteenth
and seventeenth centuries*

7:00 – 9:00

Burwash Hall

CONFERENCE BANQUET

DAY THREE: FRIDAY, MAY 29

9:00 – 10:30

29. **Toward a World/Global/Planetary Theory of the
Visuality of Early Modern Technologies**

EM 001

ROUNDTABLE

S. E. Kile

(University of Michigan, Ann Arbor)

Jennifer Nelson

(University of Michigan, Ann Arbor)

David Porter

(University of Michigan, Ann Arbor)

30. **Natural Knowledge**

EM 108

Chair: Vittoria Feola

Stephanie Shirilan (Syracuse University)
*European Occultism and the Consumption of
Indigenous Knowledge*

Jennifer Mori (University of Toronto)
*Prognostic birds and vulgar errors.
English popular naturalism c.1640-1750*

Kate Wersan (University of Wisconsin, Madison)
*A More Perfect Time: Representing Space and Time
in long Eighteenth Century Horticultural Guides*

31. **Authorship in the Sixteenth and Seventeenth
Centuries**

NF 113

Chair: Sven Dupré

Michelle DiMeo (Chemical Heritage Foundation)
*Authorship and Authority in
Robert Boyle's Medical Recipes*

Kaspar von Greyerz (University of Basel)
*The English translations of Daniel Sennert's work by
Cole and Culpeper: A transformation of authorship*

Simone Zweifel (University of St. Gallen)
*Early Modern Printed Recipe Books: The seventeenth-
century transfer of continental knowledge to Britain*

32. **After Newton**

NF 119

Chair: Cornelis J. Schilt

Matias Slavov (University of Jyväskylä)
*Newtonianism in Hume:
Initiating an Intermediary Reading*

Robert L. Knetsch (Wycliffe College)
*Hutchinsonianism, Newtonian Science, and a
Fragmenting World*

Jip Van Besouw (Free University of Brussels)
*W. J. 's Gravesande (1688-1742): 'Newtonian'
methodology and the demarcation of disciplines*

10:30 – 11:00

EM 119

COFFEE BREAK

11:00 – 12:30

33. **Antiquarianism**

EM 001

Chair: Filip Malešević

Bernd Kulawik (Bibliothek Werner Oechslin)
*The 'Accademia della Virtù' – The first international
interdisciplinary research network and its still
un-identified production*

David Beck (University of Warwick)
*Antiquarianism and the methodology of science in
England to the turn of the eighteenth century:
close and distant readings*

Scott Beville (University of Tennessee)
*From Antiquarian Pursuits to an Academic Discipline:
The Case of Anglo-Saxon Studies in
Early Modern England*

34. **Reading / Reworking Ancient Sources**

EM 108

Chair: Vittoria Feola

Steve Matthews (The University of Minnesota, Duluth)
*Theosis and Early Modern Anthropology:
Pico, Ficino, Stapulensis, and their influence*

Ovanes Akopyan (University of Warwick)
*Theories of Tides in Early Modern Europe:
from Astrological Speculation to Scientific Solutions*

Stephen I. Wagner
(St. John's University/
College of St. Benedict, Minnesota)
The Neoplatonic Foundation of Descartes' Scientia

35. **Managing and Applying**

NF 113

Chair: Matteo Valleriani

Timothy Ashley Daniels (Utah State University)
*"Desiring by all good means to attaine a perfect
knowledge how to Plant, preserve, and maintaine the
blessings of God:" Investigating the Significance of
Timber Management in Jacobean England*

Lucia Dacome (University of Toronto)
*Renaissance Perspirations: Santorio Santorio
and the Healthy Body of the Venetian Republic*

Cynthia M. Pyle (New York University)
Scientific and Applied Renaissance Humanism

36. **States of Mathematical Knowledge in Early
Modern Europe**

NF 119

Chair: Sven Dupré

Raz Chen-Morris
(The Hebrew University of Jerusalem)
*What else is a Kingdom but a Harmony?
The Poetics of Kepler's Telescope and the Question
of Sovereignty in Early Modern Europe*

Aviva Rothman (University of Chicago)
*Kepler and the role of the
"non-partisan" mathematician*

J.B. Shank (University of Minnesota)
*The Sovereign as Turner, or
Making the Baroque State at the Lathe*

12:30 – 1:30

LUNCH

1:30 – 3:00

37. Proof and Plausibility

EM 001

Chair: James Dougal Fleming

Yelda Nasifoglu (McGill University)

The analogical correspondence between Robert Hooke's natural philosophical work and architectural practice

Mark A. Waddell (Michigan State University)

The Weapon Salve and the Problem of Plausibility

38. Entangled histories of early modern translation, empire, and knowledge production

EM 108

ROUNDTABLE

Harold J. Cook

(Brown University)

Carla Nappi

(University of British Columbia)

E. Natalie Rothman

(University of Toronto)

39. Self-Fashioning

NF 113

Chair: Kevin Siena

Michael Stolberg (University of Würzburg)

Between the matula and the quill. The professional self-fashioning of humanist physicians

Nicholas Overgaard (University of Toronto)

'Sarsi vs. Guiducci' or 'Grassi vs. Galileo'? Identity in the Dispute on the Comets of 1618

Samantha Sandassie (Queen's University, Canada)

Gaining Credit: The Growth of Surgery in 17th Century England

40. Changing Explanations

NF 119

Chair: Charlie Huenemann

Bruce Carroll (New York University-Shanghai)

The Oratio's Artisanal Ontology

Robert Goulding (University of Notre Dame)

Reading to Atomism: the Natural Philosophy of Petrus Ramus

Patrick Brissey (Independent Scholar)

Towards Descartes' Scientific Method of Doubt: The Rhetoric of Les Météores

3:00 – 3:30

EM 119

COFFEE BREAK

3:30 – 5:00

EM 001

KEYNOTE

Chair: Vittoria Feola

Anthony Grafton (Princeton): *Manus multae, cor unum?* Collaborative scholarship in early modern Europe

5:00 – 6:00

EM 001

General Meeting