**Wednesday, April 25th, 7:00-9:00 p.m.**

**Reception and registration**

**Thursday, April 26th, 8:45-10:15 a.m.**

**PLENARY SESSION: welcome and first keynote address**

Fletcher Challenge Theatre  
Chair: Steven Matthews (Minnesota)  
Keynote speaker: Peter Harrison (Queensland)  
Title: “Scientia and religio: from virtues to bodies of knowledge.”

**Thursday, April 26th, 10:45 a.m -12:15 p.m.**

**Concurrent sessions (1-3), Segal Rooms**

**Session 1: Curiosity and discovery**


Myriam Marrache-Gourard (Université de Poitiers), “Influence des cabinets de curiosités dans la constitution du savoir: le cas des cornes de licornes.”

Tim Huisman (Museum Boerhaave), “From allegorical collector to empirical practician: how the Leiden scholar Otho Heurnius (1577-1652) reinvented himself.”

**Session 2: Problems in alchemy**


Elena Karpenko (National Research University, Moscow), “The theory of metallic substances’ generation: Bernard Palissy (1510?-1590) objects to alchemists.”

Laura Bland (Notre Dame), “To Avoid Chymical Experiments, Which Do More Harm Than Good”: alchemical traditions, experiment, and cosmology in the mines of Peru.”

**Session 3: Epistemology and metaphysics**

Maria Avxentevskaya (Erasmus Mundus Joint Doctorate Program), “Cambridge Platonists at the metaphorical foundation of metaphysics.”


J. Antonio Templanza (Yale), “The questionable metaphysics of Milton’s Paradise Lost.”

**Thursday, April 26th, 1:45-3:15 p.m.**

**Concurrent sessions (4-7), Segal Rooms**

**Session 4: Period history/philosophy of science**

Brent Ranalli (Cadmus Group), “The ‘Other’ Merton thesis: toward a prehistory of the norms of modern science.”


Paul Lawrence Rose (Penn State), “The origins of the history of science: Bernardino Baldi’s Lives of the mathematicians -- humanism, the Archimedean Renaissance, and the scientific revolution.”

**Session 5: Nature as God’s machine**


William Barton (King’s College, London), “Pulcherrima Mundi Machina: natural science and the mountain in neo-Latin literature.”

**Session 6: Literary and artistic responses to the new science**
Nancy Frelick (UBC), “Alchemical imagery in François Rabelais and Hieronymus Bosch.”
Patricia Likos Ricci (Elizabethtown College), “In the orbit of Galileo: Salvator Rosa and the new science.”

**Session 7: Giants in perspective**
Zita Veronika Toth (Fordham), “Descartes’ optics and some medieval theories of vision.”
Hélène Cazes (Victoria), “Andreas Vesalius (1514-1564): historiographical portrait of a young man as a humanist.”
Paul Greenham (Toronto), “Dominion and will: English Calvinism and Isaac Newton’s view of God.”

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**Thursday April 26th, 3:45-5:15 p.m.**
Concurrent sessions (8-10), Segal Rooms

**Session 8: From Christianity to science**
Silvia Manzo (National University of La Plata, Argentina), “The theological background of Francis Bacon’s concept of laws of nature.”
Stephen D. Snobelen (King’s College, Halifax), “Cosmos and apocalypse: prophetic themes in Newton’s astronomical physics.”

**Session 9: Method and identity in 17th-century scientiae**
Molly Sturdevant (Saint Xavier), “The ‘polish’d Armour’ of a flea and other origins of Scientia.”
Amanda Parris (DePaul), “A method not subject to the vicissitudes of circumstance.”
James Griffith (DePaul), “Schisthod: method and doubt in Descartes.”

**Session 10: Reading and mathematics 1**
Renée Raphael (Alabama), “Integrating ‘experimental’ and Scholastic reading: Galileo’s Two New Sciences in the natural philosophical community at the University of Pisa and Jesuit Collegio Romano.”
Ari Belenkiy (BCIT), “Master at the Royal Mint: how much money did Newton save Britain?”

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**Friday, April 27th, 8:45-10:15 a.m.**
Concurrent sessions (11-13), Segal Rooms

**Session 11: Images of medicine**
Matthew Rea (Alberta), “Dissecting the rhetoric of surgical writing: the body of a wounded man.”
David Clemis (Mount Royal), “moral authority and medical knowledge in understandings of chronic drinking in early-modern England.”

**Session 12: Science on stage**
Gabrielle Sugar (York), “Comedy on the moon: cosmic anxieties on the English stage.”
Hillel Broder (CUNY), “Staging social science: the satire of the natural philosopher reconsidered.”
James Dougal Fleming (SFU), “2b/-2b, that is not a question: Hamlet and information theory.”
Session 13: Centering margins
Eve Levin (Kansas), “Blood-letting as a therapy in seventeenth-century Muscovy.”
Isabelle Clairhout (Ghent), “Probatum Est’: women writers and receipt books.”
Peter Barker (Oklahoma) and Tofigh Heidarzadeh (UC Riverside), “Copernicus and his Islamic predecessors: cultural and intellectual exchanges between Islam and Europe during the fifteenth century.”

Friday, April 27th, 10:45 a.m.-12:15 p.m.
Concurrent sessions (14-16), Segal Rooms

Session 14: Science as secret and strange
Sofia Gustafsson (Linköping), “Interpreting omens in the sixteenth century.”

Session 15: Conversions of knowledge
Ivana Horacek (UBC), “Alchemy of the gift: objects, transformations, and connections between Dresden and Prague, c. 1600.”
Paul Yachnin (McGill), “Knowing animals.”

Session 16: The Lutheran connection
Nienke Roelants (Ghent), “Searching for credibility in a time of epistemological deficiency: astronomical models at Wittenberg University in the sixteenth century.”
Peter A. Morton (Mount Royal), “Lutheran naturalism and the ‘Disenchantment of the World’.”

Session 17: Reading and mathematics 2
Amir Alexander (UCLA), “The war against disorder: how the Jesuits tried to wipe out the infinitely small.”
Elizabeth Cantwell (USC), “Endlessly unsearchable every way: the effect of the new infinity on Renaissance literature.”
Vittoria Feola (Vienna Medical), “Peter Lambeck’s experimental reading for Leopold I’s alchemical laboratory in Vienna, 1670-80.”

Session 18: Fields of inquiry
Charles T. Wolfe (Ghent), “Why was there no controversy over ‘Life’ in the Scientific Revolution?”
Karina Cahill (Montreal), “De la séparation des champs d’action au XVIIIe siècle.”
Costica Bradatan (Texas Tech), “Michel of Montaigne’s ‘science of the self’.”

Session 19: Literary science
Paolo Palmieri (Pittsburgh), “Galileo’s passions and Tasso’s experiments.”
Peter Remien (Colorado), “Kenelm Digby’s empirical imagination.”
Eve Keller (Fordham), “‘The life of the flesh is in the blood’: Tyndale, translation, and early-modern blood.”
**Friday, April 27**, 3:45-5:15 p.m.

**PLENARY SESSION: second keynote address**

Fletcher Challenge Theatre  
Chair: J.D. Fleming (SFU)  
Keynote speaker: Mario Biagioli (UC Davis)  
Title: “The Re-invention of invention: early-modern texts and machines.”

**Friday, April 27**, 7:00-9:00 p.m.  
**Conference buffet dinner**

**Saturday, April 28**, 8:45-10:15 a.m.  
**Concurrent sessions (20-22), Segal Rooms**

**Session 20: Strange familiars**  
Laurel L. Hendrix (CSU Fresno), “‘How shall we find the concord of this discord?’: complexity theory and early-modern cosmography.”
Kevin LaGrandeur (NYIT), “The dangers of the artificial slave.”
Howard V. Hendrix (CSU Fresno), “‘Ne wight with him but onely Talus’: Sir Artegall’s ‘yron’ sidekick and the ambiguous status of a thing personified.”

**Session 21: From the depths**  
Jamie Rae Bluestone (Minnesota), “Earthquakes and the new world: breaking the boundaries of knowledge.”
Marjorie Swann (Southern Methodist University), “Spontaneous generation and early-modern English literature.”

**Session 22: From science to Christianity**  
Chris Fauske (Salem State), “Beings adapted to their respective situations.”

**Saturday, April 28**, 10:45 a.m.-12:15 p.m.  
**Concurrent sessions (23-25), Segal Rooms**

**Session 23: Art as knowledge**  
Sven Dupré (Freie Universität Berlin), “Optics and the transformation of the artist’s workshop.”
Lise Gosseye (Ghent), “Constantijn Huygens’ Ooghentroost as a place of knowledge.”
Maria Colabuono (Carnegie Mellon), “The science of poetics: information in the works of Margaret Cavendish.”

**Session 24: Inventing and discovering**  
Marius Buning (EUI Florence), “Inventing scientific method: the privilege system as a model for scientific knowledge production.”
Cesare Pastorino (Sussex), “Philosophizing as a Lord Chancellor: Francis Bacon on privileges for inventions and experientia literata.”
Stefano Gulizia (McGill), “Girolamo Ruscelli, the books of secrets, and a sixteenth-century Venetian ‘museum in motion’.”
Session 25: Problems of epistemology
Lucian Petrescu (Ghent), “Challenges to an Aristotelian discipline: the use of real qualities in early-modern meteorology.”
Daniel Selcer (Duquesne), “From scientia operativa to scientia intuitiva: producing particulars in Bacon and Spinoza.”
Andrea Sangiacomo (ENS Lyon – University of Macerata), “What a body can do: Spinoza against Occasionalism.”

Saturday, April 28th, 1:45-3:15 p.m.
Concurrent sessions (26-29), Segal Rooms

Session 26: Wondrous machines
Justina Spencer (Oxford), “Peeping into perspective: Cigoli’s perspectograph and monocular vision.”
Stephen Clucas (Birkbeck), “Rethinking the mechanical object: the sclopetus pneumaticus and the Heronic tradition.”

Session 27: New science, new Russia
Kirill Ospovat (Freie Universität Berlin), “A poetic paraphrase of the biblical Book of Job.”
Tatiana Smoliarova (Columbia), “Scientific symbolism in the works of Gavriil Derzhavin.”

Session 28: Volatile bodies
Caroline Hagood (Fordham), “Laurence Sterne’s The Life and Opinions of Tristram Shandy as Paracelsian lovechild: the influence of early-modern science on early-modern literature.”
Christy Pottroff (Fordham), “Head-on collusions: the consequences of the body/behavior assemblage on physical/mental illness.”

Session 29: Logic and rhetoric
Julio Agnelo Pimenta Pattio (François Rabelais), “Dialectical invention in De inventione dialectica.”
Vincent Masse (Dalhousie), “Inversion as a technique of knowing in cosmographical literature.”
Paula Olmos Gomez (Carlos III), “Cognition vs. justification in early-modern controversies on method and logic.”

Session 30: Natural knowledge and political theory in the Holy Roman Empire
Leigh Penman (Oxford), “Politica Theosophica’ and the United Holy Roman Empire: two prophetic perspectives on Godly governance during the Thirty Years’ War.”
Aviva Rothman (Carthage College), “Kepler’s astrology as a political art.”
Vera Keller (Oregon), “Bornitz’s politics as an alchemical art.”

Session 31: Poetry of matter
Holly Faith Nelson (Trinity Western) and Sharon Alker (Whitman College), “‘Error[s] of production’: theorizing dis/ability in the proto-scientific prose of Margaret Cavendish.”
Session 32: Challenges to authority
Jonathan Sawday (St. Louis), “The horror of the vacuum.”
Steven Matthews (Minnesota), “Francis Bacon’s Byzantine cosmology.”

Session 33: Medical interpretations
Stephen Pender (University of Windsor), “Heat and moisture, rhetoric and spiritus.”

Saturday, April 28th, 6:15-7:45 p.m.
PLENARY SESSION: round-table discussion and closing remarks