



SCIENTIAE Disciplines of Knowing in the Early-Modern World





2014 Programme

		Wednesday, 23rd <i>i</i>	2014	
	Dachgeschoss	Seminarraum 61	Seminarraum 62	
9:00 - 09:45	Registration (registration desk open until 16:00)			
9:45 - 11:30	Plenary Session. Welcoming remarks and first keynote address			
	Chair: Vittoria Feola Keynote Speaker: Thomas Wallnig (University of Vienna) Title: If there were an English word for 'Geistesgeschichte' would anyone want to use it?			
11:30 - 11:45	Coffee/Tea			
11:45 - 13:30	Session 1: Early Modern Cosmologies	Session 2: Early Modern Medicine	Session 3: Antiquarianism - crossing regions, oceans, and fields of knowledge	
	Chair: Michal Choptiany (University of Warsaw) Nydia Pineda De Avila (Queen Mary, University of London), Crafting selenographies: lunar images as crossroads of knowledge and practice in early modern Europe. Steven Vanden Broeck (Ghent University), Confessionalising astronomy before the Dialogo: Libert Froidmont's attack on the Copernicans (1631).	Panel session convened by Ariel Hessayon. Chair: Vittoria Feola (Medical University of Vienna) Lorenza Gianfrancesco (Royal Holloway, University of London), From astrology to magic. Experimentation in early modern Naples. Ariel Hessayon (Goldsmiths, University of London), Curing and Healing 'Decayed Nature': Jacob Boehme's Influence on Early Modern Medical Science. Lionel Laborie (Goldsmiths, University of London), Jacques Massard: Mystical Medicine in the Huguenot Diaspora.	Panel session convened by Marita Hübner and Marianne Klemun Chair: Marianne Klemun (University of Vienna) Lydia Barnett (Bates College, USA), Giant Bones and Taunton Stones: Circulating 'Curiosa Americana' in the Protestant Republic of Letters. Marita Huebner (University of Vienna), Natural Philosophy, Egypt and the antiquarian imagination around 1700. Salvatore Napolitano (New York University), Encyclopedism and Antiquarian Studies in Italy. National identities, antiquarian schools, and historical reconstruction. Johannes Mattes (University of Vienna), Below the Skin of Earth: Debates on Cave Minerals and Fossils of Cave Bears in the 17th and 18th century.	
13:30-14:30	Lunch			
14:30-16:15	Session 4: Mathematical Objects	Session 5: Ancients and Moderns in the Enlightenments	Session 6: Literature and the "Sciences"	
	Chair: Lily Filson (Syracuse University) Noam Andrews (Harvard University), The Precision Economy: Drawing Epistemology and Polyhedral Showpieces from 16th century Germany. JB Shank (University of Minnesota), The Thingyness of Early Modern Geometry: Materiality, Craft, and Embodied Knowing. Francesco Giuseppe Sacco (Warburg Institute, London), From Paper books to the Book of Nature: Philology and Experience in the work of Georg Agricola. Fumikazu Saito (Pontifical Catholic University of Sao Paulo, Brazil), Luring nature in the sixteenth century natural magic.	Chair: Michael Bycroft (Max Planck, Berlin) Abraham Melamed (University of Haifa), Between Ancients and Moderns: David Ganz's Attitude towards Scientific Progress. Hannah Szableska (Jagellonian University), Brains in jars: Émilie du Châtelet's contribution to the myth of Cartesian subjectivity.	Chair: Kathryn Walls (Victoria University of Wellington) Tristan Samuk (University of Toronto), Satire, Rationality, and the Aesthetic Conditional in Shakespeare's "As You Like It". Mark Bland (De Montfort University), Jonson, Ramism and Natural Philosophy Erin Webster (University of Toronto), The Eye as Camera Obscura in Kepler, Descartes, and Milton.	
16:15 - 16:30 16:30 - 18:15	Coffee/Tea Session 7: "A higher kind of natural magic:" Francis Bacon and Giovan Battista della Porta on "philosophical instruments" and the creative powers of experimentation.	Session 8: Geographies of Cartesianism: shaping a system of knowledge between additions and vulgarisation	Session 9: Economic Humanism and the Scientific Revolution	
	Panel session convened by Dana Jalobeanu Chair: Lorenza Gianfrancesco (Royal Holloway, University of London) Cesare Pastorino (Technical University of Berlin), Natural Magic and the Rise of Experiment in the Early Modern Period: A few Historiographical Considerations. Koen Vermeir (CNRS Paris 7), Francis Bacon's experimental magic Arianna Borrelli (Wuppertal University), From artefact to instrument: the glass sphere in Giovan Battista Della Porta's treatise "On refraction" (1596). Sergius Kodera (University of Vienna), Artful Monsters: Cross breeding in Della Porta Dana Jalobeanu (University of Bucharest), Natural magic in the laboratory: Bacon's use of Magia naturalis as a sourcebook of experiments.	Panel session convened by Andrea Sangiacomo Chair: Per Landgren (Oxford University) Alexandra W. Albertini (Universite de Corse), Fontenelle's Eloges around Cartesianism: New Knowledge or simple vulgarisation? Mihnea Dobre (University of Bucharest), Experience, experiment and observation in Cartesian natural philosophy: the case of organic processes of the human body. Andrea Sangiacomo (University of Groningen), Updating Cartesian textbooks: Le Grand, Régis and the rise of Occasionalism.	Panel session convened by Jakob Bek-Thomsen Chair:Angus Vine (University of Stirling) Jakob Bek-Thomsen (Aarhus University), Economic Humanism - from Poggio to Alberti. Germano Maifreda (University of Milan), From Bacon to Petty: Towards a New Science of Praxis. Laurens van Appeldoorn (Leiden University), On Hobbes' Economic Thought.	

	Thursday. 24th A	pril 2014	
Dachgeschoss	Seminarraum 61	Seminarraum 62	Seminarraum 51
Session 10: Scientiae and Experiments	Session 11: Seventeenth-century European Philosophy	Session 12: Early Modern English Natural Philosophy	Session 13: Renaissance Galenism
Chair: Alexandra Albertini (University of Corsica) Fabrizio Baldassarri (University of Parma), Between natural history and physics. Descartes and botany. Jenny Boulboulle (VU Amsterdam), Writing 'scientiae' in early seventeenth century: on literary innovations at the intersection of spiritual exercises and hands-on experiments. Matthew Homan (Christopher Newport University), "The role of mathematics in Recognizing Truth" in Descartes and Spinoza. Cathay Liu (Yale NUS, Singapore), Unification and Priority in Descartes' Algebra and Geometry.	Chair: James Dougal Fleming Alison Bumke (University of Cambridge), 'The best Complexion': Humours and hygiene in Donne's writing. Alissa MacMillan (Institute for Advanced Study, Toulouse), On Immortality and Eternity: Spinoza, Scientific Knowledge, and the Individual. Nausicaa Milani (University of Parma), Movement and God in XVIIth Century Cartesian Manuals.	Chair: Sven Dupre (Max Planck, Freie Universitaet Berlin) Angus Vine (University of Stirling), 'From promus to comentarius: Francis Bacon's notebooks'. Maria Avxenteskaya (Freie Universitaet Berlin), How to discover things with words? John Wilkins and the practices of language. Ari Belenkiy (SFU Vancouver), History of One Defeat: Reform of the Julian calendar as envisaged by Isaac Newton Haleigh Robertson (University of York), 'That darling of nature': saltpetre in early modern natural philosophy.	Chair: Riccarda Suitner (Erfurt/Gotha) Dina Bacalexi (CNRS Centre Jean-Pépin UPR 76), Ancient medicine, humanistic medicine: the Renaissance commentaries of Galen in the context of the transmission and transformation of knowledge. Alessandra Celati (University of Pisa), Experimental Approaches to Medicine and Theology in Sixteenth -Century Italy: an Interdisciplinary Study. Nancy Frelick (University of British Columbia), Love, Melancholy, and Geohumoral Theory: An Introduction to Meury Riflant's Miroir des melancholicques (1543).
Coffee/Tea			
Session 14: Newton and Descartes	Session 15: Cultures of secrecy and circles of confidence in scholarly communication in the early modern world	Session 16: Gems/Fossils - Art/Medicine	Session 17: Networks of Knowledge in the Early Modern Worlds
Chair: JB Shank (University of Minnesota) Cornelis J. Schilt (University of Sussex), "I will resolutely bid adew to it eternally" - Isaac Newton on publication/ Publishing Isaac Newton. Katherine Walls (Victoria University of Wellington), Pope's sylphs: a fantasy inspired by science. Andrea Strazzoni (Erasmus University, Rotterdam), The role of experiments in Cartesian philosophy.	Chair: Vittoria Feola Panel session convened by Charles Van Den Heuvel Henk Nellen (Royal Netherlands Academy of Arts and Sciences. Huygens Institute for the History of the Netherlands), Confidentiality and indiscretion in seventeenth-century means of communication. The La Peyrère case. Charles Van Den Heuvel (Royal Netherlands Academy of Arts and Sciences. Huygens Institute for the History of the Netherlands) and Scott Weingart (Indiana University), Modeling confidentiality in seventeenth-century knowledge exchange in networks of letters and drawings. Djoeke Van Netten (University of Amsterdam) Secrecy and the spread of knowledge.	Chair: Anke Timmermann (University of Cambridge) Liliana Leopardi (Hobart and William Smith Colleges), Camillo Leonardi's Speculum Lapidum: the intersection of Magic, Mineralogy and Medical sciences in 16th cenutry Italy. Stefano Magnani (University of Udine), Toward an anatomy of the sea. Luigi Ferdinando Marsili and the nature of coral. Marlise Rijks (Ghent University), Materiality and Transformation. Painters' Collections in Early Seventeenth-Century Antwerp.	Chair: Paola Molino (University of Vienna) Cornelia Faustmann (Melk Monastery, Austrian Academy of Sciences), Bernard and Hieronymus Pez, their correspondence, their networks. A contribution to intellectual geography. Lydia Janssen 5KU Leuven/FWO-Vlandereen), Antiquarianism and national history. The emergence of a new scholarly paradigm in early modern historical studies. Per Landgren (University of Oxford), Johannes Schefferus Upsaliensis and his Intellectual Network: A tour of his correspondence and literature. Vladimir Urbanek (Institute of Philosophy, Academy of Sciences of the Czech Republic, Prague/Cultures of Knowledge Oxford), Mapping Comenius's Correspondence Network.
Lunch			
Plenary Session: second keynote address			
Chair: James Dougal Fleming Keynote Speaker: Howard Hotson (University of Oxford) Title: Disciplines of knowing about disciplines of knowing, and why they matter: a mission statement.			
Session 18: The Great Networker: Peter Lambeck and the Imperial Library, Vienna 1662-80.	Session 19: Early Modern 'Progress'	Session 20: Scientiae in the Atlantic-Spanish Worlds	Session 21: Historiographical issues in Scientiae
Panel session convened by Christian Gastgeber Chair: Gabor Almasi (University of ELTE, Budapest) Christian Gastgeber (Austrian Academy of Sciences), Peter Lambeck: the Networker and Polyhistor as Librarian (1662-1676/80). Vittoria Feola (Medical University of Vienna), Peter Lambeck and Italy. Paola Molino (University of Vienna), Experiments in Knowledge systematisation: libraries and their order in late Renaissance Central Europe (1575-1676/80). Iordan Avramov (Bulgarian Academy of Sciences), A Checkered Exchange: the Correspondence between Henry Oldenburg (c.1619-77) and Peter Lambeck (1628-80) and the Early Royal Society of London, 1666-1673.	Chair: Simone De Angelis (University of Graz) Daniel Spelda (University of West Bohemia), Veritas filia temporis: Birth of the idea of scientific progress. Patricia Zalamea (Universidad de los Andes, Bogota, Colombia), Natural History, Art and Collecting Practices in the New World: Humanist Cycles in Tunja and their Painted Versions of 'Paper Museums'. Lily Filson (Syracuse University), From Magic to Mechanics: Mannerist Automata at Sixteenth-Century Pratolino. Federico Bellini (Catholic University of Milan), The Discorsi della vita sobria by Alvise Cornaro and its Reception in Britain: from Moral Philosophy to Medicine.	Chair: Vera Cecilia Machline (Pontifical University of Sao Paulo) Jose Ramon Marcaida (University of Cambridge), Picturing the Passion flower. Natural history and visualization in the early modern Hispanic world. Kay Peter Jankrift (TU Munich), Religion, politics and the cultural translation of medical ethics. Rodrigo the Castro (c. 1546-1627) and his "Medicus-politicus". Stefano Gulizia (CUNY), Cosmographers, Brokers, Inventors: Nautical Knowledge and Social Experience in the Early Modern Atlantic.	Chair: Steve Matthews (University of Minnesota, Duluth) Piotr Szalek (Catholic University of Lublin/University of Cambridge), The Modern Scientific Revolution, Scepticism and Philosophy. Veronika Szanto (LE University Budapest), The Decline of the Emblematic View of Nature and the Emerging Ecological Perspective in Early Modern Thought. JD Fleming (Simon Fraser University, Vancouver), Its Bits: information theory and the real character.
	Session 10: Scientiae and Experiments Chair: Alexandra Albertini (University of Corsica) Fabrizio Baldassarri (University of Parma), Between natural history and physics. Descartes and botany. Jenny Boulboulle (VU Amsterdam), Writing 'scientiae' in early seventeenth century: on literary innovations at the intersection of spiritual exercises and hands-on experiments. Matthew Homan (Christopher Newport University), "The role of mathematics in Recognizing Truth" in Descartes and Spinoza. Cathay Liu (Yale NUS, Singapore), Unification and Priority in Descartes' Algebra and Geometry. Coffee/Tea Session 14: Newton and Descartes Chair: JB Shank (University of Minnesota) Cornelis J. Schilt (University of Sussex), "I will resolutely bid adew to it eternally" - Isaac Newton on publication/ Publishing Isaac Newton. Katherine Walls (Victoria University of Wellington), Pope's sylphs: a fantasy inspired by science. 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Coffee/Tea Session 13: Seventeemth-century European Philosophy Angus Vinor (Linkversity of Striffing), "From promise to comentatus." From Spinosa. Scientific Knowledge, and the mild in Marken Homan (Christopher Newport University). The role of mathematics in Recognizing Truth' in Descartes and Spinosa. Coffee/Tea Session 14: Newton and Descartes Session 15: Cultures of secrecy and circles of confidence in scholarly (Liny Century Cartesian Manusis. Coffee/Tea Session 14: Newton and Descartes Session 15: Cultures of secrecy and circles of confidence in scholarly communication in the early modern world Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Miniesota) Chair: Jib Shank (University of Minies

	Thursday, 24th April 2014				
	Dachgeschoss	Seminarraum 61	Seminarraum 62	Seminarraum 51	
17:00 - 18:45	Session 22: Scientiae in Basel, Poland, and Holland	Session 23: Early Modern English Medicine	Session 24: Sixteenth-century Aristotelianism		
	Joas Vander Schoot (University of Groningen), Historiographical approaches to Christiaan Huygens's Cosmotheoros. Michal Choptiany (University of Warsaw), tIn the theatre of chronology: Stanislaw Lubieniecki's Theatrum cometicum,	Katherine Butler (University of Oxford), Soul and Body, Religion and Medicine in Two Tales of Musical Healing. Kaspar von Greyerz (University of Basel), Physico-theological genres.	Chair: Christian Gastgeber (Austrian Academy of Sciences) Simone De Angelis (University of Graz), Renaissance Aristotelianism and the birth of anthropology. Sandra Dragomir (KIT Karlsruhe), A unifying method of arts and sciences. Vasil Gluchman (University of Presov, Slovakia), Ethics of Politics in Early Modern Period. Erasmus Desiderius and the Slovak Humanism.		
19:30 - 24:00	Conference Banquet (Culinarium)				

		Friday, 25th Apr	il 2014	
	Dachgeschoss	Seminarraum 61	Seminarraum 62	Seminarraum 51
	Session 25: Art, Technology and Alchemy in the Early Modern Period	Session 26: Practices and Epistemologies of the "Critical Revolution": Some Case Studies from the Catholic South of the Holy Roman Empire	Session 27: Scientiae and the Antiquarian	
	Panel session convened by Sven Dupre Chair: Sven Dupre (Max Planck, Freie Universitaet Berlin) Morgan Wesley (Oxford University), Refuta per Ignem: Thermal Analysis in the Laboratory Practices of John Dwight and Ehrenfried Walther von Tschirnhaus. Sylvie Neven (University of Liege; Max Planck Institute for the History of Science, Berlin), Alchemy and Art Technology in German Early Modern Recipe Books. Fanny Kieffer (Centre d'Etudes Superieures de la Renaissance, University of Tours) The Laboratories of Art and Alchemy at the Uffizi Gallery in Renaissance Florence. Henrike Haug (Technical University Berlin), Artificial Interventions in the Natural Form of Things. Shared Metallogenetic Concepts of Goldsmiths and Alchemists	Panel session convened by Thomas Wallnig. Chair: Thomas Wallnig. Patrick Fiska (University of Vienna), Marble and Wax, Metal and Cloth: New Source Materials and Their Visualization in the Austrian Historiography of the Early 18th Century. Manuela Mayer (University of Vienna), Charters, Copies and Fakes - Bernhard Pez and His Edition of the Cartulary of St. Emmeram, Regensburg. Joelle Weis (University of Vienna), Johann Georg Eckhart vs Johann Friedrich Schannat: On the Construction of Historical Evidence as a Social and Political Process. Thomas Stockinger (University of Eichstaett-Ingolstadt), Nobilissimus Benedicinorum exercitus. Benedictine historia literaria and its sources.	Chair: Vittoria Feola (Medical University of Vienna) David Beck (University of Warwick), England: a "nation of variegated parts"? 1670-1710. Silvia Flubacher (University of Basel), Wonderful Creatures: Collecting, Compiling, and Classifying the Animal Kingdom. Janine Rogers (Mount Allison University), Medieval Compilation Theory and Representations of Early Modern Museums. Lisa Klotz (University of California at Davis), The Fiction of Certainty: Proof and Probability in Trial and on Stage in Early Modern England.	
10:45 - 11:00	Coffee/Tea			
11:00 - 12:45	Session 28: Astronomy and Cosmology in Early Modern Europe	Session 29: Alchemy and Medicine	Session 30: Fifteenth-century Medicine	
	Panel session convened by Stephen Clucas Chair: Steven Van Den Broeck (University of Ghent) Stephen Clucas (Birkbeck, University of London), Calculation and Observational Scrupulosity in the Astronomical Work of Thomas Harriot. Natacha Fabbri (Museo Galileo, Florence), Looking at an Earth-like Moon and Living on a Moon-like Earth in Renaissance and Early Modern Thought. Stephen Pumfrey (Lancaster University), Annihilating the Sublunary World: the Background to William Gilbert's Revolutionary Cosmos.	Chair: Sven Dupré (Max Planck, Freie Universitat Berlin) Anke Timmermann (University of Cambridge), Mapping hidden connections: alchemical recipes and images in the digital humanities. Elisabeth Moreau (UL Brussels), Libavius the Doctor: Combining Alchemy, Hylomorphism and Galenism Luca Guariento (University of Glasgow), From the divine monochord to the weatherglass: changing perspectives in Robert Fludd's musical philosophy. Marcin Konik (Jagellonian University Krakow), The Musical Structure of Athanasius Kircher's Universe.	Chair: Katherine Butler (University of Oxford) Christine Boeckle (University of Nebraska), Establishing the Diagnostic Knowledge Represented in Leprosy Scenes at the Beginning of the Early Modern Period: An Interdisciplinary Analysis. Fabien Lacouture (Paris I, Pantheon-Sorbonne), The child between science and superstition in the XVth and XVIth century Italy. Paolo Savoia (Harvard University), Saving Faces: Surgery and Masculinity in Late Renaissance Italy.	
12:45 - 13:45	Lunch			

		Friday, 25th Apr	il 2014	
	Dachgeschoss	Seminarraum 61	Seminarraum 62	Seminarraum 51
13:45 - 15:30	Session 31: Magic		Session 33: Scientiae and Religion in the Seventeenth Century	Schmidt dani 32
	Chair: Stephen Clucas (Birkbeck, University of London) Peter Forshaw (University of Amesterdam), A Theo-Alchemical Androgyne: The Union of Alchemy and Religion. Salvatore Carannante (Scuola Normale Superiore, Pisa), «Certis experimentis et sufficienti ratione». Experimentum and experientia in Bruno's magical works. Carla Bromberg (CESIMA, Brazil), The Mathematical Status of Architecture and Music in the Works of Daniele Barbaro. Kate Finley (University of Notre Dame), Tycho Brahe and the Role of Aesthetics in Scientific Revolution.	Vera Machline (Pontifical Catholic University of Sao Paulo, Brazil), Long-standing medical antecedents of Laurent Joubert's "Erreurs populaires". Rebecca O'Neal (Queen Mary, University of London), 'Which way is up? Brain dissection and theoretical insights.' Jonathan Seitz (Drexel University), "Because I go about exorcizing here and there": Exorcism and authority in early	Chair: Alison Coudert (University of California, Davis) Maria Toscano (University of Naples l'Orientale), 'Sterminator Vesevo'. Science and religion in Naples in a chronicle of the eruption of 1631. Adam Rzepka (Montclair State University), Staging the material imagination in John Willis's Art of Memory. James Everest (UCL), Thomas Hobbes Fires a Gun into a Lake. Stefan Hessbrueggen-Walter (National Research University Moscow), Collective Doxography: the Potential of Nanopublications in the History of Knowledge	
15:30 - 15:45	Coffee/Tea			
15:45 - 17:00	Session 34: Sixteenth Century Empiricism	Session 35: Scientiae in Early Modern France	Session 36: The Worlds of Scientiae	
	Chair: Lionel Laborie (Goldsmiths, University of London) Aneemieke Verboon (Centre Koyre, Paris), Brain diagrams	`	Chair: Peter Forshaw (University of Amsterdam)	
	Michael Stolberg (University of Wurzburg), The rise of empiricism in 16th-century medical practice. Riccarda Suitner (Erfurt/Gotha), Reformation, medicine, and religious dissent in the late Renaissance: the case of the University	and Meaning in the Port-Royal Logic. Michael Bycroft (Max Planck, Berlin), The physics of furniture: science and the rococo in the gemmological research of Charles Dufay. Adrian Seville (Independent Scholar), Spiral Race Games and Scientific Learning in 17th and 18th century France.	Allison Coudert (University of California at Davis), Orientalism in the Early Modern West Simone Zweifel (University of St Gallen), The Multiplication of Knowledge: Johann Jacob Wecker (1528-1586/88) and his Compilations. Steve Matthews (University of Minnesota, Duluth), Language and Ascent in Bacon's Abcdarium Naturae Svorad Zavarsky (Slovak Academy of Sciences), The scientific method in Martinus Szent-Ivany's De scientiis in genere and its application to polemical theology (1705).	
17:00 - 17:15	Michael Stolberg (University of Wurzburg), The rise of empiricism in 16th-century medical practice. Riccarda Suitner (Erfurt/Gotha), Reformation, medicine, and religious dissent in the late Renaissance: the case of the University of Padua. Barbara Tramelli (Max Planck, Berlin), Artists and Knowledge in Sixteenth Century Milan: a series of anatomical drawings by	and Meaning in the Port-Royal Logic. Michael Bycroft (Max Planck, Berlin), The physics of furniture: science and the rococo in the gemmological research of Charles Dufay. Adrian Seville (Independent Scholar), Spiral Race Games and Scientific Learning in 17th and 18th century France.	Early Modern West Simone Zweifel (University of St Gallen), The Multiplication of Knowledge: Johann Jacob Wecker (1528-1586/88) and his Compilations. Steve Matthews (University of Minnesota, Duluth), Language and Ascent in Bacon's Abcdarium Naturae Svorad Zavarsky (Slovak Academy of Sciences), The scientific method in Martinus Szent-Ivany's De scientiis in genere and its application to	