

Scientiae Amsterdam 2020 – Accepted individual papers

## **Boundaries and border crossing between religions and disciplines**

*Karine Durin*

**Mobility of Religious Frontiers in the Republic of Letters: Interconfessional Communication of Knowledge between Spanish Catholic Natural Philosophers and their Protestant Counterparts in the Sixteenth Century**

*Christopher Gilson*

**Theology, Astrology, and Meteorology: A Framework for Understanding Climate in Early Modern Europe**

*Lydia Janssen*

**'Church antiquities' and Catholic religious identity in the Protestant Dutch Republic. The role of religious antiquarianism in the creation of Dutch Catholic identity and church politics in the Dutch Mission (1583-1727)**

*Andrea E. van Leerdam*

**Astrology and Religion in 'Calendars of Shepherds': Forms and Functions of Popular Knowledge in Transnational Perspective**

*Nicholas Mithen*

**Repositioning scholarship and theology in the Italy of Lodovico Antonio Muratori (1675-1750)**

*Mia Nakayama*

**Dutch Learning and the pre-modern Japan's traditional Confucian ideology**

*Sergio Orozco Echev*

**The order of nature and the divine will: laws of motion and laws of nature in the configuration of the Scottish Newtonianism (1690-1720)**

*Vincent Roy di Piazzza*

**'Ghosts from other planets': travels beyond death and space in Emanuel Swedenborg's *De Telluribus in mundo nostro solari* (1758)**

*Kees-Jan Schilt*

**Close encounter of the third kind. Abraham Rogerius and the study of South-Indian Hinduism**

## **Inventions, experiments and scholarly practices**

*Jip van Besouw*

**A flood of efforts: solving a water crisis through books, instruments, and maps**

*Dover, Paul*

**Pragmatic numeracy in pre-Cartesian European military treatises**

*David Gentilcore*

**The art and science of waters: knowledge, identity and practice in the work of Giovanni Antonio Nigrone (fl. 1555-1595)**

*Matteo Fornasier*

**Medical and Pharmaceutical Practices in Early Modern Paris: The Jardin du Roi and the Jardin des Apothicaires**

*Marianne Groep-Foncke*

**Demand and Supply? Interactions between inventors and their audience**

*Leonie Hannan*

**Apprenticeship, Almanacs and Astronomy: the tale of two young Dubliners in the mid eighteenth century**

*Alexandru Liciu*

**Robert Hooke's Lectures for Improving Navigation and Astronomy: "practical Geometry", "mechanical Algebra" and the Search for Longitude**

*Margaret Maurer*

**Papermaking as Everyday Alchemy in the Early Modern Period**

*Jennifer Mori*

**The social history of experiments. English household knowledge, 1600-1800**

*Assaf Tamari*

**Medicalizing Ethics and Magic: Re-reading the Practical Aspects of Lurianic Kabbalah and Their Contexts**

*Gerhard Wiesenfeldt*

**The Limits of Scholarly Practice: Mixed mathematics and professional needs**

## **Ordering, transferring and reforming knowledge**

*Carlos Alves*

**The extension of Natural Philosophy in university curricula in Southern Europe. Coimbra and Salamanca in the second half of the 18th century**

*Alex Collin*

**Professional Transitions and Practices of Knowledge Formation: Henry Oldenburg as Teacher, Diplomat, and Scientist**

*Margaret DeLacy*

**"Reasons for Classing of Diseases, Medicine and Physicians:" John Bellers (1654-1725), Quakerism and medical reform**

*Theodore R. Delwiche*

**Alchemical Unease: Urian Oakes, John Leverett, and the State of Alchemy in Early New England**

*James D. Fleming*

**Talking text: Early modern shorthand as disruptive information technology**

*Christa Lundberg*

**Division in the Disciplines: Logic and Pedagogy from Lefèvre d'Étaples to Ramus**

*Philippe Schmid*

**Cataloguing the Republic of Letters: Antiquarians and their Memory in Early Modern Germany**

*Piotr Urbanowicz*

**Making public (electric). Performance of electricity in establishing science in Poland.**

*Nais Virenque*

**Alchemical Tree Diagrams from the 13th to the 16th century Forms, Figuration and Operativity**

*Lyke de Vries*

**Between the Manual Arts and Theosophy: Daniel Mögling's Attempts to Change *Scientia***

*Daniel Woolf*

**"Did anybody really know what time it was?" Knowledge of Time and Date in Early Modern England**

## **Plants, gardens and other natural phenomena all over the world**

*Justin Begley*

**John Hill (1716-1775) on ‘Plant Sleep’: Against Natural Continuity**

*Cecilia Forselles*

**Gardening as an academic topic in Finland in the 18<sup>th</sup> century**

*Matthijs Jonker*

**Copper vs wood: illustrating Mexican crops and medicinal plants in the seventeenth century**

*Magdalena Luszczynska*

**In search for Eutopia. Michael Sendivogius’s *Aenigma Philosophicum***

*José Maria Moreno*

**To reach or not to reach. Setting a transoceanic route as a technical and scientific task**

*Meera Muralidaran*

**Hortus Malabaricus: The production of natural history knowledge, 1678-1693**

*Ivan Rybko*

**‘Make me a mandrake’, or The Pharmacopoetics of Mandrakes before Modernity**

*Reetta Sippola*

**Making sense of Captain Cook’s arctic explorations 1778–79**

*Karin Stolley*

**“The earth shook:” natural disasters and enlightened lessons in Rafael de Landívar’s *Rusticatio Mexicana* (1782)**

*Rienk H. Vermij*

**The overseas world and the secularization of knowledge**

*Carla Vieira*

**John de Sequeyra’s notes on diseases of Virginia: a case of circulation of medical knowledge through Atlantic Sephardic networks**

*Antonia Weiss*

**Dividing the plot: the garden as a site of gendered knowledge and identity in Dutch and German printed discourse, c. 1650-1800**

*Daniil Zimin*

**Knowledge about apes in eighteenth-century Russia**

## **Visualizing nature. The role of art**

*Benjamin Binstock*

**Vermeer and the early modern science of painting everyday life**

*Marius Buning*

**Crafty thinking in the dialectics of Simon Stevin (1548–1620)**

*Emily Friedman*

**Art and Alchemy along the rue Mercière**

*Corinna Gannon*

**The Horoscope of Rudolf II. A Miniature on the Crossroads of Astrology, Alchemy, Magic and Kabbalah**

*Marianne Klemun*

**Mountains, Glaciers and Raging Waterfalls. Movement and Dynamics as Expressions of Changing Concepts of Nature**

*Benjamin van der Linde*

**‘Colours and Collectors’ Reflections on the material culture of Early Modern maps by analyzing their colouration**

*V.E. Mandrić*

**The technique of butterfly impression through the centuries: a practice between art and natural history**

*Juan Carlos G. Mantilla*

**New Maps, Old Books, Older Bones: Practices of Reading in the New World**

*Camille Serchuk*

**Essential or Excessive?: The rhetoric of visual authority in French local cartography, 1400-1600**

*Malgorzata Taborska*

**Realism, simplifications or symbolism, the iconography of the constellation *Ceteus* from the historic globes**

## **Philosophical transactions**

*Filip Bryse*

**Spinoza: an early modern source of inspiration for “The Father of Contemporary Physiology”**

*Jan Cizek*

**Johannes Bayer (1630–1674) and his synthesis of F. Bacon and J. A. Comenius**

*Kevin Donnelly*

**From Mechanical Philosophy to Social Mathematics: Making the Artificial Man Safe for the Quantitative Social Sciences**

*Steffen Ducheyne*

**Adriaen Verwer (1654/5–1717) and the first edition of Isaac Newton’s Principia**

*Cassie Gorman*

**The Neoplatonic Cosmology and Poetry of Anne Southwell (1574-1636)**

*Vojtech Hladký*

**The use of Hermetic writings in Patrizi’s *Nova de universis philosophia***

*Jacques Joseph*

**The Role of Light in Henry More’s Works**

*Per Landgren*

**The role of natural history for demonstrative induction according to Jacobus Zabarella**

*Daniel Spelda*

**Methodological differences between French philosophers and astronomers of the second half of the 17th century**

*Martin Zemla*

***Teutonicus minus cautus*. Jacob Böhme’s relevance for Jan Amos Comenius**

## **Examining bodies and minds**

*Advani Anurag*

**Madness in Mughal India: The Formation of an Early Modern Medical Culture**

*Dina Bacalexi and Mehrnaz Katouzian-Safadi*

***Scientia aliena*: intertextuality, orality and medicine: Antiquity, Middle Ages and Renaissance**

*Thomas Colbourne*

**From Moral Cultivation to Medicine: Spinoza and the Care of the Body**

*Julie Davies*

**Conceptions of Melancholy and Ways of Knowing in August Pfeiffer's '*Antimelancholicus*'**

*Lucia Delaini*

**The *Art of War* and the art of citizenship: Acquiring civic virtues through physical training in 16<sup>th</sup> century Italy**

*Valentine Delrue*

**Corrupter of bodies? An analysis of the *Verhandelingen* of the Batavian Society of Arts and Sciences (1778-1794) on managing the health of the citizens of Batavia**

*Andrea Gondos*

**Magic as Living Practice:  
Women, Sexuality, and Amulets in Early Modern Jewish Manuscripts**

*Pamela Mackenzje*

**Cures and Curiosities: Visualizing the "Stone Disease"**

*Michael Pickering*

**Magic and the Powers of Spirit in a Braunschweig Physician's Opus: Johann Nikolaus Martius' *Unterricht von der Magia Naturali* (1717)**

*Julia Reed*

**The Forensics of Incorruption in Early Modern Medicine: the Empirical Aristotelianism of Paolo Zacchia**

*Ryan Roark*

**Cells, Walls, Selves: Enclosure in Early Modern England**

*Luca Tonetti*

**Blood, Saliva, and Bile Matters: Anatomizing Body Fluids in Giorgio Baglivi's Medicine**

*Luigi Alonzi*

***The Histoire oeconomique of Charles François Tiphaigne de la Roche***

*George Elliott*

**Alchemy and Architecture: The Place of Gershom Bulkeley's Seventeenth-Century Laboratory in his New England Home**

*Georges Farbat*

**The best physician is also a better architect**

*Gianamar Giovanetti-Singh*

**Philology, Astronomy, or Archaeology? The interaction of different disciplines in the discovery of distant Chinese antiquity**

*Veronica Grossi*

**Epistemology in an Early Modern Manuscript: *Enigmas* by Sor Juana Inés de la Cruz**

*Kentaro Inagaki*

**Bridging Hebrew and Arabic: Albert Schultens and the Development of Biblical Philology**

*Bernd Kulawik*

**Inventing the disciplines to cross their borders: Interdisciplinarity in the Roman Accademia de lo Studio de l'Architettura (1535–1555)**

*Andrew Matthew Alistair Morris*

**‘The joint labours of ingenious men’: the role of knowledge networks in the construction of the Eddystone lighthouse**

*Michelle Pfeffer*

**Historical Critique and the ‘Marginalisation’ of Astrology in the Seventeenth Century**

*Sean Pollock*

**Russian Empire and the Academy of Sciences Expeditions to the Caucasus in 1768-74**

*Tobias Winnerling*

**Johannes Braun, Adriaan Reland, and the Holy Land between the Disciplines in the 18th Century**

*Svorad Zavorsky*

**Saving Time and Enhancing Certainty across the Sciences: Principles, Axioms, Postulates and Definitions in the Thought of Martinus Szent-Ivany**

## **Collecting and comparing. Wonders and books**

*Carlo Bovolo*

**Between Natural History and Archaeology: Vitaliano Donati and the Sciences in 18th Century Turin**

*Manuela Bragagnolo*

**Mapping Transformations in Early Modern Law Printed Books. “Manual for Confessors” by Martín de Azpilcueta and the Instability of Normative Knowledge**

*Hailey Cotter*

**‘Like a Ship Without Ballast’: Printed Maritime Law in Early Modern England**

*Reese Fulgenzi*

**Visions of Natural History in Petrine Russia**

*Stefano Gulizia*

**Mechanizing the *Kunstkammer*: Astronomical automata and the legitimation of early modern knowledge through a translation across media**

*Mateusz Kapustka*

**Embedded View. Geocentric Readings in the Baroque Library**

*Yaakov Lattes*

**The fantastic world of a 16<sup>th</sup> century Italian Jew**

*Martins Laizans*

**Lycanthropes, monsters and satanists: the production of Livonian image in 16<sup>th</sup> and 17<sup>th</sup> century Neo-Latin texts.**

*Tatiana A. Matasova*

**Miracles from around the world at the court of Zoe (Sophia) Palaiologina**

*Richard Raiswell*

**Bodin’s Evidence**

*Joneath Spicer*

**Connecting the Dots: The Role of Objects as Sites of Knowledge and the Late Renaissance *Kunst und Wunderkammer***