From the end of the seventeenth century at the latest, scientific knowledge was increasingly disseminated via internationally operating networks of scholars and the first widely read scientific journals, as well as by aesthetic media such as the visual arts and literature, and, from the eighteenth century, by public journals and daily newspapers.

This conference will take a multi-disciplinary approach to the spread and representation of new knowledge in early modern Europe (1600 – 1750). Attention will focus on the presentation of cartographic, botanical, zoological, and anatomical knowledge in contemporary documents, both pragmatic and aesthetic in nature. The temporal focus is deliberately set before the huge expansion of the market in (academic) journals and literature that started around 1750.

The conference is interested less in the subject as such than in the medium of its dissemination and reception. It will examine to what extent the transmission of empirical knowledge resulted in dislocations of substance at the moment when it became the subject of literary commentary (journals, poetry, novels, travel accounts, encyclopedias) or visualization (frontispiece, painting, illustration). The examination of representations of knowledge related to object and/or motif will be supplemented by analysis of the structural forms into which it is transmitted (style, syntax, image — text relationship etc.). Thus attention will be paid to the aesthetic qualities inherent in each medium and their strategic functionalization. By including fiction and popular media, the questions asked will go beyond the processes of transmission and functionalization operating within the scientific discourse to include the presentation and reception of scientific innovations within a wider public. The conference therefore also contributes to the nexus between the use of the media and the production of knowledge in the period before the late Enlightenment.

**Convenors:**
Prof. Dr. Ulrike Gehring, Trier  
Prof. Dr. Andreas Gestrich, London  
Prof. Dr. Wolfgang Klooß, Trier

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http://www.kunstgeschichte.uni-trier.de

**Abb.: Bernhard S. Albinus, Tabulae sceleti et musculorum corporis humani, London, 1748**
Thursday, 17 March 2011

**Arrival**
- 14:00 Registration
- 14:30-15:00 Coffee Break
- 14:30-15:00 **Andreas Gestrich** (London)
  Welcome and Introduction

**Panel I: Colonial Encounters, Scientific Revelations, Medical Knowledge**
Chair: Michael Schaich
- 15:00-15:50 **Arndt Brendecke** (Berne)
  Barriers to Knowledge. The Ambivalence of Media in Spanish Colonial Politics
- 15:50-16:40 **Wolfgang Klooß** (Trier)
  Flora, Fauna, Monstrous Creatures: Wondrous Discoveries and Scientific Discourse in Early Modern English Travel Writing
- 17:10-18:00 **Andrew Wear** (London)
  Representations of Early Modern Medicine: Continuity or Change?

**Keynote**
- 18:30 **Richard Sugg** (Durham)
  Early Modern Anatomy and the Physiology of the Soul

Friday, 18 March 2011

**Panel II: Visualizing Knowledge**
Chair: Andreas Gestrich
- 9:30-10:20 **Ulrike Gehring** (Trier)
  Visual Representations of Metrical Spaces in Early Modern Frontispieces
- 10:20-11:10 **Thomas Fikl** (Freiburg)
  Pictures and Formulas in Newton’s Presentations of Mathematical Relations
  Coffee Break
- 11:40-12:30 **Claudia Swan** (Chicago)
  The Collection and Representation of Exotica in the Netherlands 1600-1650
- 12:30-13:20 **Bettina Wahrig** (Brunswick)
  Writing and Experimenting: Richard Mead’s „Mechanical Account of Poisons“
  Lunch (at GHIL)

**Panel III: Literature and the Rhetorics of Science**
Chair: Angela Schattner
- 14:30-15:20 **Richard Nate** (Eichstätt)
  Instruments and Help: Aspects of Early Modern Scientific Rhetoric
- 15:20-16:10 **Christoph Irmischer** (Bloomington)
  Chinkapins, Tumble-Bugs, and Skipjacks: Reading Catesby
  Coffee Break

Saturday, 19 March 2011

**Panel IV: Scientific Tools and Transfer of Knowledge**
Chair: Ulrike Gehring
- 16:40-17:30 **Olaf Breidbach** (Jena)
  Instruments – Tacit Knowledge and Knowledge Transfer
- 17:30-18:20 **Michael Korey** (Dresden)
  The Finest Model of the Temple of Solomon That Has Been Seen: Gerhard Schott’s Temple model as a Metaphor of Knowledge
  Conference Dinner

**Panel V: Disseminating Knowledge**
Chair: Wolfgang Klooß
- 9:30-10:20 **Jan Rohls** (Munich)
  Religion and Science in England between 1650 and 1700
- 10:20-11:10 **Franz Maulshagen** (Essen)
  Letters in the ‘Republic of Letters’
  Coffee Break
- 11:40-12:30 **Andreas Gestrich** (London)
  Popularising Science in Early Newspapers