

Alchemy and University – Alchemie und Universität

Conference at the Herzog August Bibliothek Wolfenbüttel, November 20-22, 2019

The conference is organized by Ute Frietsch, HAB Wolfenbüttel/Humboldt Universität Berlin, in cooperation with Volkhard Wels, Freie Universität Berlin. It is funded by the German Research Foundation as part of the project “Epistemic Change: Stages of Early Modern Alchemy”.

Concept

For the historical examination and appraisal of alchemy, its relation to university has played a crucial role.

General and persistent perception has seen alchemy as an occult practice divorced from European universities: In the Age of Enlightenment, this practice would definitely have been rejected by the emerging modern sciences and thus also excluded from the continued acceptance of the corpus of science, especially from modern chemistry.

The last decades, however, have seen groundbreaking and detailed research on social networks, terminology, procedures, instruments, pictures of alchemy as well as early chemistry by historians who have modified this simplistic view and described the rather gradual transformation of alchemy between the 16th and 18th centuries. Experts in this field today acknowledge that medical alchemy (chymiatría) was in some way established in European universities in the 17th century, despite deep-seated conflicts and disputes between the concept of humours and the concept of *tria principia* and between plant-based and mineral-based medication. Until now, though, the relationship between alchemy and universities remains to be researched in more detail, and the analysis of their relationship in the 16th and 18th centuries remains a desideratum.

This conference aims to deepen and to extend our knowledge of alchemy and universities in early modern times, especially our understanding of the protagonists (as for example: Wecker, Zwinger, Tancke, Libavius, Hartmann, Sennert, Rolfinck, Wedel, Stahl), the theories (e.g. *tria principia*, humoral pathology, phlogiston theory), preferred substances (e.g. sulfur, mercury, salt, antimony, laudanum), practices (e.g. academic *disputationes*, laboratory research, practical training of students), driving forces and controversies. With regards to the historical development, the major point of focus will certainly lie on the academic discipline of medicine. Nonetheless, an analysis of alchemy's impact on other academic *scientiae* and *artes* (as for example theology, natural philosophy, astronomy, history) is equally important: How, for example, was an alchemically influenced theosophy discussed and practiced at early modern universities? And how broadly and freely could university professors, interested in alchemy, interpret the academic denomination of their chairs?

The conference will be held in English and German.

Program

Wednesday, November 20, Augusteerhalle

Öffentlicher Abendvortrag / Keynote Lecture

18.00 Peter Burschel: Begrüßung / Welcome

18.15 Bruce T. Moran: The Experience of Things in the Making and the Abstractions of the Made Thing: Networks, Recipes, and the Contradictions of Alchemy between the Kassel Court and the Marburg Classroom

20.00 Abendessen/Dinner (auf Wunsch/optional)

Thursday, November 21, Bibelsaal

Welcome and Introduction

9.00 Ute Frietsch: A Desideratum of Research: The Relationship between Alchemy and University

9.30 Volkhard Wels: Formatting chemical knowledge. Some introductory remarks

Moderation / Chair: Volkhard Wels

10.00 Didier Kahn: The first public/private courses of chemistry in Paris up to William Davisson

10.45 Kaffeepause / Coffee Break

11.15 Thomas Hofmeier: Alchemie an der Universität Basel im 16. Jahrhundert

12.00 Elisabeth Moreau: Physiology and the University of Marburg

12.45 Mittagspause / Lunch Break

Moderation / Chair: John Christie

14.00 Hiro Hirai: Daniel Sennert and theological debates at Wittenberg University

14.45 Kaspar von Greyerz: Seventeenth-century English translations of Daniel Sennert's works

15.30 Kaffeepause / Coffee Break

16.00 Georgiana Hedesan: The Alchemical Philosophy of Jan Baptist Van Helmont in the Context of University Teaching in Leuven/Louvain

16.45 Anette Marquardt & Bettina Wahrig: The Schneider Collection

19.00 Abendessen / Dinner (auf Wunsch/optional)

Friday, November 22, Bibelsaal

Moderation / Chair: Bettina Wahrig

9.00 Lawrence M. Principe: The Changing Visions of Chymistry at Seventeenth-Century Jena: Brendel, Rolfinck, Wedel, and Others

9.45 Marieke Hendriksen: Alchemy in the kitchen: Blankaart's 'Borgerlyke Tafel' (1683)

10.30 Kaffeepause / Coffee Break

10.45 Kevin Chang: From University to Court: The Shift of Stahl's Positions on Alchemy

Moderation / Chair: Ute Frietsch

11.30 Christopher Halm: Johan Gottschalk Wallerius an der Universität Uppsala

12.15 Natalia Bachour: Die Rezeption von Oswald Croll und Daniel Sennert bei Gelehrten/in Medresen des Osmanischen Reiches

13.00 Abschlussdiskussion / Final discussion