

This workshop is organized in the context of the Visiting Chair „Wissenschaft und Judentum“ at the ETH Zürich.

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Further Information:
www.zgw.ethz.ch/en/modernity.html

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ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

The Notion of Scientific Modernity: Non Eurocentric Perspectives

Date: November 25-26, 2010

Location: ETH Zürich, Rämistr. 36, CH-8092 Zurich (RAC, Seminar Room E 14)

Organization: Gad Freudenthal (CNRS, Paris), Michael Hagner (ETH Zürich), Roshdi Rashed (CNRS, Paris)

Science is still all too often identified with Western science, i.e. science in Western Europe, and its history is written accordingly. The scientific work of other cultures, whether in the Greek tradition (this is the case of science in Syriac, Arabic, Hebrew and Latin, notably) or outside it (science in China and India, notably) is situated on the margins of mainstream narrative of the history of science. This workshop will focus on one, albeit crucial, question: that of the *modernity* in science – its nature and its emergence.

Program

Thursday, 25 November 2010

14.30 – 15.00

Gad Freudenthal, Michael Hagner: Welcome and Introduction

15.00 – 16.00

Roshdi Rashed: Greetings and Key-Note Lecture – Arabic Mathematics and the Mathematical Modernity

16.00 – 16.30

Coffee Break

16.30 – 16.45

Yemima Ben-Menahem (Jerusalem): Greetings

16.45 – 17.45

Gad Freudenthal – The Jewish Engagement With Science In the Middle Ages: Historiographic Issues

17.45 – 18.45

David Wirmser (Köln) – Is There Room for Progress After Aristotle? The Views of Avempace and Averroes

18.45

General Discussion

20.00

Dinner For Participants of the Workshop

Friday, 26 November 2010

9.30 – 10.30

Ruth Glasner (Jerusalem) – Gersonides: A Medieval-Modern Scientist

10.30 – 11.30

Carlos Fraenkel (Montreal) – God, Natural Science, and the Good Life in Spinoza and in Medieval Islamic and Jewish Aristotelianism

11.30 – 12.00

Coffee Break

12.00 – 13.00

Rivka Feldhay (Tel Aviv) – The Renaissance: European or Global? A Non-Eurocentric Historiographical Position

13.00 – 14.30

Lunch Break

14.30 – 15.30

Karine Chemla (Paris) – Restoring Mathematical Practices of the Past and Reshaping the History of Ancient Mathematics: Views From Afar

15.30 – 16.30

Pascal Crozet (Paris) – The Notion of Scientific Modernity In the Light of the Spreading of European Science Outside European Boundaries: The Case of 19th-Century Egypt

16.30

Concluding Remarks and Farewell