

IASCUD Report for DLMPST

Report of Activities – 2017

(From October 2016 to September 2017)

(Prepared by Nina Atanasova and approved by the IASCUD council)

Website: <http://www.iascud.org>

1. Commission Activities

a. At the 25th International Congress of History of Science and Technology of the DHST/IUHPST, held from 23rd to 29th July 2017 in Rio de Janeiro, Brazil, IASCUD sponsored the following symposia:

- Symposium 25. *The interface between the study of cultural diversity in science and decision-making in science policy*. Organized by Nina Atanasova and Benedikt Löwe (4 sessions).

Speakers:

- Different disciplinary cultures of explanation in science - Matthew Inglis (Mathematics Education Centre at Loughborough University)
- Preserving Academic Traditions over Ages – the Case of Estonia - Peeter Mürsepp (Tallinn University of Technology)
- How cross cultural epistemic injustice in the global health arena undermines public health care delivery in Africa - Helen Lauer (University of Dar es Salaam), Joan Shenton (Director of Meditel Productions)
- Cultural and Political Aspects of the First US-USSR High-Energy Physics Experiment at NAL - Vitaly Pronskikh (Fermi National Accelerator Laboratory)
- ADHD across Cultures and over Time - Nina Atanasova (The University of Toledo)
- Regulating Toxicity: Negotiations around Safety and Risk - Annamaria Carusi (University of Sheffield)

- Symposium 48. *Historical inquiry & intellectual transmission: How shall we write about how knowledge travels?* Organized by Karine Chemla and Kenji Ito (2 sessions).

Speakers:

- Historiography of the circulations of mathematical ideas: the case of the "Kerala School" - Agathe Keller (CNRS), Sho Hirose (Swiss Federal Institute of Technology in Zurich (ETHZ))
- Shaping transmission in 19th century cultural history of mathematics - Martina R. Schneider (Mainz University)
- How does knowledge travel? Theoretical considerations and two case studies in the history physics in Japan - Kenji Ito (SOKENDAI)
- On the Arabic Origins of Algebra: Historiography Beyond the Academy - Madeline Muntersbjorn (University of Toledo)

b. Publications arising from the work of the Commission in the last year.

- Karine Chemla and Evelyn Fox Keller (eds.) *Cultures without culturalism: The making of scientific knowledge*, Duke University Press, 2017

with introduction by K. Chemla and Evelyn Fox Keller, and also papers by Kenji Ito, and Karine Chemla, among IASCUD members

- Karine Chemla, “What can be derived from Evelyn Fox Keller’s article about scientific cultures? Some thoughts about language and scientific activity”, EASTS. *East Asian Science, Technology, and Society, An International Journal*, 11, 3, 2017, p. 411-416

- Karine Chemla, “La diversité des cultures mathématiques: un passé et quelques futurs possibles”, *Gazette des mathématiciens*, 150, 2016, p. 16-30 (Available at the following address: <http://www.smf.emath.fr/files/150-bd.pdf> <http://www.smf.emath.fr/files/150-bd.pdf>). English translation under the title: “The Diversity of Mathematical Cultures: One Past and Some Possible Futures”, in: *Newsletter de l’EMS* (European Mathematical Society), 104, June 2017, p. 14-24

- Peeter Mürsepp, Editor-in-Chief of *Acta Baltica Historiae et Philosophiae Scientiarum* (ABHPS), has invited the participants of the two symposia sponsored by IASCUD at the 25th International Congress of History of Science and Technology of the DHST/IUHPST, held from 23rd to 29th July 2017 in Rio de Janeiro, Brazil, to submit their papers for consideration for publication in an edited volume.