Abstract:
In this set of four sessions, the DHST–DLMPST Joint Commission seeks to showcase some of the best ongoing work that combines historical and philosophical perspectives on science.

The program for the day will begin with a session honoring the winner(s) of the new IUHPST Essay Prize in History and Philosophy of Science. (If this competition is successful, it may be repeated in conjunction with future IUHPST congresses.) The prize question this year is about the use of the philosophy of science for historians of science, which was deemed to be a pertinent question for the historians attending the DHST Congress, also opening an effective way for philosophers and philosophically minded historians to participate meaningfully in the Congress. Depending on the exact outcome of the competition, this session may feature a presentation by the prize-winner followed by a commentary and general discussion, or presentations by the winner and runners-up.

The second session will focus on the topic of pluralism in science, which has been receiving increasing attention among philosophers and historians of science. One thing that is urgently needed is more concrete material showing how pluralism works out in scientific practice. Three case-studies will be presented, illustrating the benefits and challenges of pluralism in various areas of science in the last two centuries. There will be a general commentary addressing all three talks.

The remainder of the day will consist of a double session on the topic of concept-formation in the physical sciences. Over the two sessions, seven talks will seek to show how a focus on the dynamic development of concepts may throw useful light on the historical understanding of science. There will be a general commentary addressing the whole set of presentations. One common methodological issue running through the talks will be how philosophical precision can help, or hinder, the aims of historiography.

Complementing the focus on the life sciences in the Joint Commission sessions at the last CLMPS (2015, Helsinki), the main focus of the sessions proposed here will be on the physical sciences. However, there will be a good deal of attention given to general methodological issues that pertain to the history and philosophy of all sciences.

The last three sessions will include speakers, commentators and chairs from the following countries: Brazil, Uruguay, Mexico, United States, United Kingdom, Germany, Greece, and Belgium.
Keywords: Integrated HPS – Pluralism – Concepts – Historiography – Philosophy of science.

Expected Participants:
- Markus Ehberger, Adrian Wüthrich
- Alan Heiblum Robles
- Daniel Jon Mitchell
- Theodore Arabatzis
- Karin Pelte
- Jaume Navarro
- Hasok Chang
- Georgescu Laura
- Friedrich Steinle