

Historical and philosophical studies in the recent decades have focused increasingly on artists and artisans as introducers of new ways to manipulate nature and thus shaping the path that led to the "new science" in Europe. The places where these tacit and codified skills were developed became influent loci of knowledge production and distribution. Around new tools and artifacts novel social relationships emerged. The notions of experience and skill moved into center stage and flourished in new forms, both conceptual and practical. All of these changes were inseparable from the artisanal material and epistemic practices rooted in the bodily and skilled experience of craftsmen. This workshop aims to look into these important aspects that have so deeply influenced the most recent historiography of science. In particular, it will serve as a forum to discuss what Pamela Smith has called 'artisanal epistemology' as well as to look into the kind of authoritative knowledge -- embodied in the figure of the artisan -- as a model for knowledge tout court. It is a multidisciplinary workshop, bringing together epistemologists and historians of science from various fields and orientations.

Free admission.

This event is funded by:

- Centro Interuniversitário de História das Ciências e da Tecnologia (CIUHCT). Departamento de História e Filosofia das Ciências, Faculdade de Ciências, Universidade de Lisboa.
- FFI2014-55256-REDT: "Epistemology and Society: From Personal to Distributed Knowledge".
- FFI2013-45659-R: "Material Cultures, Epistemic Cultures. Standards, Cognitive Processes and Knowledge".



Organization

Centro Interuniversitário de História das Ciências e da Tecnologia (CIUHCT): www.ciuhct.com

Universidad Autónoma de Madrid (UAM)

Organizers

Antonio Sánchez | Jesús Vega-Encabo | Henrique Leitão

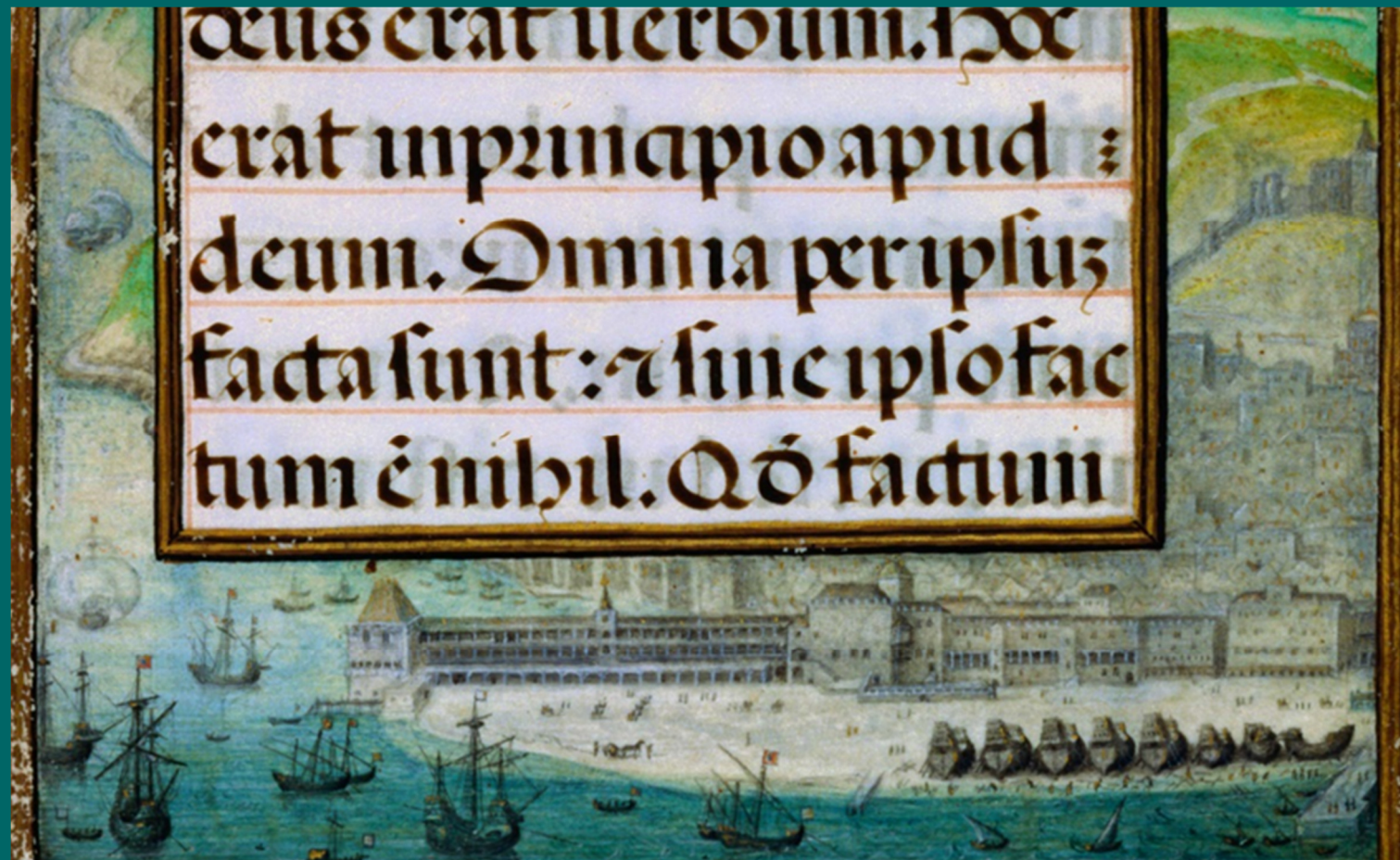
Centro Interuniversitário de História das Ciências e da Tecnologia
Faculdade de Ciências—Universidade de Lisboa

WORKSHOP ON

ARTISANAL KNOWLEDGE

Material and Epistemic Cultures in the History of Science

April 28-30, 2016



Faculty of Sciences, University of Lisbon
Campo Grande, 83

WORKSHOP ON ARTISANAL KNOWLEDGE

Material and Epistemic Cultures in History of Science

Faculty of Sciences, University of Lisbon
Anfiteatro da Fundação da FCUL, C1, Piso 3

April 28 | Thursday

09.30—09.45 Welcome and opening

Sessão 1 | 09.45—11.15

Moderator: Henrique Leitão

09.45—11.15 Pamela H. Smith (Columbia University) | *Making Art and Transforming Matter in a sixteenth-century Workshop*
Discussion

11.15—11.45 Coffee break

Sessão 2 | 11.45—13.00

Moderator: Antonio Sánchez

11.45—13.00 Jesús Vega-Encabo (Autonomous University of Madrid) | *Artisanal Knowledge: Some preliminary reflections*
Discussion

13.00—14.30 Break for lunch

Sessão 3 | 14.30—17.00

Moderator: Jesús Vega-Encabo

14.30—15.45 Antonio Sánchez (University of Lisbon) | *Manufacturing an Empire. Artisanal Practices in Early Modern Portuguese Maritime Culture: the case of nautical cartography*
Discussion

15.45—17.00 Javier Ordóñez (Autonomous University of Madrid) | *Spectrum as standard (in artisanal knowledge)*
Discussion

April 29 | Friday

Sessão 4 | 09.30—11.30

Moderator: Samuel Gessner

09.30—11.00 Pietro Daniel Omodeo (Max Planck Institute for the History of Science, Berlin) | *Cartesian Bodies: Embalmmment Experiments in Seventeenth Century Germany*
Discussion

11.00—11.30 Coffee break

Sessão 5 | 11.30—12.45

Moderator: Antonio Sánchez

11.30—12.45 Henrique Leitão (University of Lisbon) | *Artisanal knowledge and practices in long distance oceanic voyages*
Discussion

12.45—14.15 Break for lunch

Sessão 6 | 14.15—17.00

Moderator: Henrique Leitão

14.15—15.30 Samuel Gessner (University of Lisbon) | *Experimental context: the elaboration of a planetary automaton under the supervision of Landgrave Wilhelm IV around 1560*
Discussion

15.30—17.00 Jim Bennett (Oxford University) | *Can a ‘museological’ perspective contribute to an account of artisanal culture in early-modern mathematics?*
Discussion

April 30 | Saturday

10.00—13.00 Visit to the Navy Museum