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Mapping the Enlightenment:

A European scholarly flows digital cartography project

<https://mapping-the-enlightenment.org/>

Workshop: Presentation of the MtE project (work-in progress) and Future Steps

The workshop is part of the research project «Mapping the Enlightenment: Intellectual Networks and the Making of Knowledge in the European Periphery» funded by The Research Centre for the Humanities (RCH) (www.rchumanities.gr) for the year 2017.

Summaries and Short bios of the participants

Vassilis Routsis, Eirini Goudarouli, Manolis Patiniotis

Mapping the Enlightenment: Intellectual Networks and the Making of Knowledge in the European Periphery

Summary of the Talk

Unlike many other European societies, which during the eighteenth century paved their way to a nation state, the greatest part of the Greek society remained outside the borders of the Greek nation state until well after its establishment, in 1832. In fact, Greek society emerged as a result of re-stratifications and social changes that took place around various centres of political and economic power. The eighteenth century was the crucial period during which it refined its shape and produced the political and ideological accounts that guided its quest for a separate national identity. This process, however, was neither smooth nor linear. Different and often competing social groups, diverging economic interests and conflicting political traditions composed a network of communities, which struggled to define their distinctive, though in many instances still vague, national identity. This network spanned a huge geographical area, from Vienna to St. Petersburg and from Venice to Constantinople. Moving across this extended network was for the Greek-speaking scholars a formative experience that enabled them to perceive themselves as members of a social group with distinctive features and a social mission intertwined with the emergence of Greek society.

The talk discussed how digital transformation of information can provide new insights or even generate new knowledge and focused mostly on the technical aspects of this process

as part of the Mapping the Enlightenment project. It showcased some of the challenges and opportunities arising from the manipulation of the original data and demonstrated its technical background and innovative character through the ambitious unified mapping interface that is being developed to display the spatial flows of scholars during the Enlightenment Era in Europe. A working prototype version of this tool was also unveiled to the public for the first time.

Short Bios

Vassilis Routsis is the Research Associate for the UK Data Service at the UCL Department of Information Studies. His research interests lie between the boundaries of social sciences, humanities and computer science. He is particularly interested in studying the societal and cultural impact of modern technology as well as utilising the latest technology to seek answers to humanities research questions (Digital Humanities).

Eirini Goudarouli is a Digital and Technology Research Lead at the National Archives in London, UK. Her current research interests include any collaborative interdisciplinary research opportunity that falls within digital humanities and digital archives. She is particularly interested in exploring the benefits and challenges derived when researchers move from the study of traditional archival artefacts to their digital surrogates (i.e. tracing the conceptual shifts on basic concepts, such as the concept of materiality, records, research etc.).

Manolis Patiniotis is an Associate Professor at the Department of History and Philosophy of Science, National and Kapodistrian University of Athens. He teaches courses on the history of Scientific Revolution, the history of the sciences during the Enlightenment and the historiography of science and technology. He is the author of the monograph *Elements of Natural Philosophy: The Greek scientific thought in the 17th and the 18th centuries* (Gutenberg: Athens 2013) and of the paper "Between the local and the global: History of science in the European periphery meets post-colonial studies" (*Centaurus* 55: 2013). He has also co-authored with Pedro Raposo the article "Beyond fixed geographies: moving localities and the making of knowledge" (*Technology and Culture* 57: 2016). He is a founding member of the international research group STEP (Science and Technology in the European Periphery).

Ana Simões, João Machado, José Avelãs Nunes

A digital humanities approach to the circulation of Portuguese estrangeirados during the Enlightenment: networks and mapping

Summary of the Talk

This talk discusses two different visualisations of the Portuguese group of *estrangeirados* (network graphs and maps) using the freely available webtools Palladio and Carto. The 2017 approach to these figures' connections and travels elaborates on earlier research by Carneiro, Simões, and Diogo (linked to the Prometheus project), which takes us to a critical analysis of the gaps in the historical record and the implicit arguments in the software we used, as well as some preliminary results of the new perspective.

Short bios

Ana Simões is full professor of history of science at the University of Lisbon and co-coordinator of the Interuniversity Center for the History of Science and Technology (CIUHCT). Her research interests include the history of quantum chemistry, and history of science in the European Periphery, with emphasis on science in Portugal, 18th to 20th centuries. Founding member of the international group STEP, she is presently working on urban history of science, enriched by the perspective of Lisbon.

José Carlos Avelãs Nunes is a certified architect, M.Sc. graduated and a Ph.D. student at the University of Coimbra, Faculty of Sciences and Technologies. The Ph.D. thesis title is The architecture of sanatoria in Portugal: 1850-1970, and is waiting for public defense. Collaborates as a research fellow at CIUHCT and the Visions of Lisbon project (VISLIS). Joined several activities as an invited assistant in the academic field (2007-2012) and integrated several investigation projects from Foundation for Sciences and Technology (2009 to 2016). His research interests are related to the intersections between History of Medicine, History of Architecture, History of Social Medicine, Tuberculosis, Sanatoria, and Hospitals.

João Machado is a research fellow at the CIUHCT, University of Lisbon, since 2015. He works on the center's digital output and its two flagship projects involving large scale data collection: a bibliographical guide on History of science, technology and medicine in Portugal published in the period 2005-2015, and a dictionary of Portuguese scientists, engineers, and physicians.

Giorgos Vlahakis

Enlightenment and natural philosophy during the 18th century. The invisible networks

Short Bio

George N. Vlahakis is an Assistant Professor in Hellenic Open University in Patra (Greece) and Fellow Researcher in the Institute of Historical Research / National Hellenic Research Foundation. His main research interest is history of science with a focus on comparative studies, Science and Religion and Science and Literature as well as Nature of Science is also among his research interests. He is currently secretary of History of Physics Group of the European Physical Society. He is also correspondent member of the International Academy of the History of Sciences and President of the Commission for Science and Literature of DHST/IUHPST. George was visiting scholar at the Max-Planck Institute for the History of Science.

Despoina Valatsou

Digital Humanities and History of Science: Intersections of doing

Short Bio

Dr. Despoina Valatsou has studied *History and Archaeology with a specialization in History* (first degree, 1998) at the National and Kapodistrian University of Athens (Greece), and *Digital Media* (Master of Arts, 2000) at the University of Sussex (UK). She holds a PhD in *History* (2014) from the National and Kapodistrian University of Athens (Greece). Her PhD thesis is entitled "The emergence of new sites of memory on the Internet". Her academic interests involve Digital Humanities, Digital History, Crowdsourcing and Public History, Memory Studies. She has worked at the private sector (POLIS Publishers). She has participated in numerous research projects at the Historical Archives of the National and Kapodistrian University of Athens concerning the digitization of archives and the representation of historical archival information in digital environments such as the Pergamos Digital Library. She is currently the Administrator at the Research Centre for the Humanities (RCH) in Athens. She speaks English and French.