

Network Theory and Computer Modeling in the Study of Religion

International Workshop
August 29–September 4, 2016
Eötvös Loránd University, Budapest

In collaboration with the Department for the Study of Religion, Masaryk University, Brno
and the Institute for the Advanced Study of Religion, Toronto

Venue: Professor' Club, 1053 Budapest, Szerb utca 21-23.
Website: <http://birot.web.elte.hu/network2016/>

WORKSHOP PROGRAM

Monday Aug 29

Travel day
6pm *Reception*
Soul Café, Ráday utca 11-13

Tuesday Aug 30

9am–9.30am *Opening of the workshop*
László Borhy, Dean of the Faculty of Humanities
Tamás Biró, Eötvös Loránd University, Budapest

9.30am–11.30am *Opening panel*
Presider: István Czachesz, University of Heidelberg

Luther Martin, University of Vermont (30 min)
Panayotis Pachis, Aristotle University of Thessaloniki (30 min)

Coffee break (30 min)

Discussion (30 min)

11.30am–1pm *Lunch*

Presider: Tamás Biró, Eötvös Loránd University, Budapest

1.pm–2.30pm *Network Science and its Center at Central European University*
János Kertész, Budapest University of Technology and Economics / Central European University

2.30pm–3pm *Coffee break*

3pm–4.30pm *Tutorial: Network theory*
Johannes Wachs, Central European University, Budapest

Wednesday Aug 31

9am–10.30am *Tutorial: Mathematical Modeling*
Tamás Biró, Eötvös Loránd University, Budapest

10.30am–10.45am *Coffee break*

A Generative Historiography of the Ancient Mediterranean (GEHIR)
(Masaryk University, Brno)

Presider: Tomáš Hampejs

10.45am–11am *Introduction to the GEHIR Project*
Tomáš Hampejs

11am–12.15pm *CHRISTOME Project*
Historic background and sources
Vojtěch Kaše (15 min)
Transportation networks, regionalization
Adam Mertel (15 min)
Dynamical processes, agent-based models
Jan Fousek (15 min)
Discussion (30 min)

12.15pm–1.30pm *Lunch*

Presider: Vojtěch Kaše

1.30pm–2.30pm *MITHORIG Project*
Historic background
Aleš Chalupa (20 min)
Challenges and future prospects
Eva Výtvarová, Jan Fousek (20 min)
Discussion (20 min)

2.30pm–3.30pm *MARLUC Project*
Historic background
Dalibor Papoušek (20 min)
Mathematical model
Zdeněk Pospíšil (20 min)
Discussion (20 min)

3.30pm–4pm *Coffee break*

Presider: Eva Výtvarová

4pm–5pm *KYKLADES project*
Historic background
Tom Glomb (20 min)
Enviro-Model
Adam Mertel (20 min)
Discussion (20 min)

Thursday Sept 1

Presider: Panayotis Pachis

9am–10am *Secrecy and openness in early modern transconfessional correspondence*
Ingeborg van Vugt, Scuola Normale Superiore di Pisa/University of Amsterdam

10am–10.30am *Coffee break*

10.30am–12.30pm *Tutorial: Agent-based modeling in NetLogo*

12.30pm–2pm *Lunch*

3pm–4pm Lab visit and presentation at ELTE University
Tamás Vicsek, Eötvös Loránd University, Budapest

Friday Sept 2

Presider: Dalibor Papoušek

9am–10am *Simulating ancient audiences*
István Czachesz, University of Heidelberg
Tamás Biró, Eötvös Loránd University, Budapest

10.00am–10.30am *Coffee break*

10.30am–11.30am Concluding discussion
Presider: Luther Martin, University of Vermont

11.30am–12pm *Business meeting*

12pm–1.30pm *Lunch*

1.30pm–5pm *Archeological tour*
Religious sites at Aquincum

Saturday Sept 3

8 am-8pm *Archeological tour*
Scrabantia (Sopron) and the Mithraeum at Fertőrákos
Departure: 8am from Mercure Budapest Korona
Arrival: 8pm at Mercure Budapest Korona

Sunday Sept 4

Travel day