Conference Programme

Thursday 22 September 2022

09.00-10.00 **Registration** at the Faculty of Geography.

10.00-11.00 **Opening** and **visiting the Map exhibition at Central University Library**.

11.00-19.00 **Bus Excursion** to **Alba Iulia** with a guided tour in the **Batthyaneum Library** and to **Rimetea**, a traditional village in Transylvania with a dinner.

Friday 23 September 2022

09.00-10.00 **Registration** at the Faculty of Geography

10.00-10.15 **Opening**

10.15-10.45 **Visiting Cholnoky Map Exhibition**

10.45-11.00 **Coffee break**

11.00-12.30 **Session I** *Chair: M. Gede*

11.00-11.15 ILOVAN O.-R. The Cartographic Discourse about the Romanian Space and Territorial Development from the Modern Period to Present.

11.15-11.30 BARTOS-ELEKES Zs. Digital tools concerning the analysis of maps representing Hungary and Transylvania (1683-1711).

11.30-11.45 MAGYARI M., A.-K. BÁLINT, Zs. BARTOS-ELEKES The correlation between the atlas and the county map series of Hungary by Gábor Hevenesi.

11.45-12.00 PÁL M. An inventory and digital map of toponym evolution – a case study in Northern Hungary.

12.00-12.15 DEMETER G., E. SIMON, B. ROMHÁNYI, G.-K. HORVÁTH, G. NÉMETH Creating a database to study settlement level socio-economic development and landuse changes for the Hungarian Kingdom, 1550-1930.

12.15-12.30 Discussion

12.30-13.45 **Lunch break**

13.45-15.15 **Session II** *Chair: M. Bidney*

13.45-14.00 VARDAKOSTA I. Geo-information literacy: a necessary component of the Map/GIS Libraries.

14.00-14.15 CARHART G., K. DENEAULT Portland, Maine, Above and Below Ground, A Municipal Archive and its Interconnection with the Modern Digital GIS Mapping of a 389-Year-Old City.

14.15-14.30 REES G. Locating a national collection through interface design.

14.30-14.45 APPEL S. Advances in Collaborative Digital Index Mapping.

14.45-15.00 SHAWA T. Creating Orthomosaic Images from Historical Aerial Photographs.

15.00-15.15 Discussion

15.15-15.30 **Coffee break**

15.30-17.00 **Session III** *Chair: Zs. Bartos-Elekes*

15.30-15.45 SUAREZ R. Opening CartoMundi - New tools and new functionalities.

15.45-16.00 KOUKOLETSOS T., G. NIKAS, P. GRIGORIADIS When GIS and Military History collide: new perspectives.

16.00-16.15 TSORLINI A., C. BOUTOURA, E. LIVIERATOS Studying the development of Greek communities in Central Europe in 18th century, combining information from historical maps and texts through a digital map library system.

16.15-16.30 STAMNAS A., A. TSIACHTA, O. GEORGOULA, P. PATIAS An endangered aspect of the Industrial Heritage. Study and mapping of the Decauville Systems in Greece of the 19th and 20th century.

16.30-16.45 Discussion

17.30-19.30 **Dinner**

End of working day

Saturday 24 September 2022

09.00-10.00 **Registration** at the Faculty of Geography

10.00-11.15 **Session IV** *Chair: G. Timár*

10.00-10.15 GUSEV D., S.-K. STAFEYEF Claudius Ptolemy's East Africa Georeferenced and Visualized.

10.15-10.30 LIU D., K.-N. VU, A. NANETTI Information Visualisation Tools to Explore Fra Mauro's World Map (dated 1460 CE).

10.30-10.45 JILKOVA P., J. MOCICKOVA Czech-German Ethnic Border (1840–1940): Cartographic Image and Reality.

10.45-11.00 ZENTAI L., E. HAJDÚ Exploring intentional distortions in Cold War tourist maps.

11.00-11.15 Discussion

11.15-11.30 **Coffee break**

11.30-12.45 **Session V** *Chair: L. Zentai*

11.30-11.45 VASILCA D. Steps for identifying the projection of an old map.

11.45-12.00 GALAMBOS Cs., G. TIMÁR Georeference and color sign system of the 1879 geological map of Switzerland.

12.00-12.15 TIMÁR G., K. EDMONDS, C. MUGNIER Georeference of the Allied trench-maps of the WW1 Salonika front.

12.15-12.30 GEDE M., K. KERKOVITS, L. VARGA Automatic Georeferencing of the 1951–53 Topographic Map Series of Hungary.

12.30-12.45 Discussion

12.45-14.00 **Lunch break**

14.00-15.30 **Session VI** *Chair: A. Tsorlini*

14.00-14.15 KAIMARIS D., P. PATIAS, T. ROUSTANIS, A. STAMNAS, M. TASSOPOULOU, C. GEORGIADIS, K. KLIMANTAKIS, M. PAPPA, S. ANDREOU, K. EFKLEIDOU, N. KOUIDIS Use of archaeological archives: 3D visualization of old two-dimensional drawings.

14.15-14.30 MALAPERDAS G., R. GRETHE, N. ZACHARIAS Returning to the past, for the revival of the future: Analyzing the value of old maps for the preservation of cultural heritage.

14.30-14.45 TASSOPOULOU M., A. STAMNAS, O. GEORGOULA, P. PATIAS Pictorial maps and three-dimensional representations of architectural structures in ancient coinage.

14.45-15.00 PAZARLI M., K. DIAMANTIS, V. GERONTOPOULOU The Panhellenic Student Competition "Hack the Map: Imaginary Worlds" - Flipping the educational model for new age learners.

15.00-15.15 PATIAS P., D. KAIMARIS, T. ROUSTANIS, A. STAMNAS, M. TASSOPOULOU, C. GEORGIADIS, K. KLIMANTAKIS, S. SYLAIOU, J.-G. PAPADOPOULOS, D. KARADIMAS, I. CHARALAMPOPOULOS Augmented Reality in changing and evolving the viewing experience: the DigiOrch research project.

15.15-15.30 Discussion

15.30-16.00 **Summary-Closing** *Chair: M. Gede*

End of Conference

Participation

Czechia Czech Technical University in Prague; **France:** Aix Marseille University **Germany** Bundesamt für Kartographie und Geodäsie **Greece** Aristotle University of Thessaloniki; Harokopio University; Hellenic Military Geographical Service (HMGS); Hellenic Army General Staff - Army History Directorate (HAGS-AHD); University of Peloponnese; Onassis Library/Onassis Foundation; General State Archives of Greece-Historical Archives of Macedonia-Cartographic Heritage Archives; **Hungary** Eötvös Loránd University; HAS, Research Centre for the Humanities; Mineral Property Registry Department, Regulated Activities Authority, Budapest **Latvia** National Library **Romania** Babeş-Bolyai University; Technical University of Civil Engineering in Bucharest **Singapore** Nanyang Technological University **United Kingdom** British Library; University of Oxford **United States** American Geographical Society Library; University of Wisconsin-Milwaukee Libraries; Princeton University Library; Purdue University; Department of Public Works, Portland Maine.

Links

icaci.org
cartography.web.auth.gr/ICA-Heritage
www.facebook.com/groups/Cartoheritage.into.Digital
www.e-perimetron.org

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Venue

Faculty of Geography, Babeş–Bolyai University
str. Clinicilor 5–7, Cluj-Napoca

Map Exhibitions

- *Map exhibition*, "Georghe Sion" Room of Special Collections, Central University Library, str. Clinicilor 2, Cluj-Napoca
- *Cholnoky Map Exhibition*, Faculty of Geography

Excursion

Bus excursion to Alba Iulia and Rimetea. Guided tour in the Batthyaneum Library, Alba Iulia (22/9)

Commission Support

Mátyás Gede *Budapest*
Chrysoula Boutoura
Evangelos Livieratos
Angeliki Tsorlini *Thessaloniki*

Local Organisers

Zsombor Bartos-Elekes
Zoltán Imecs
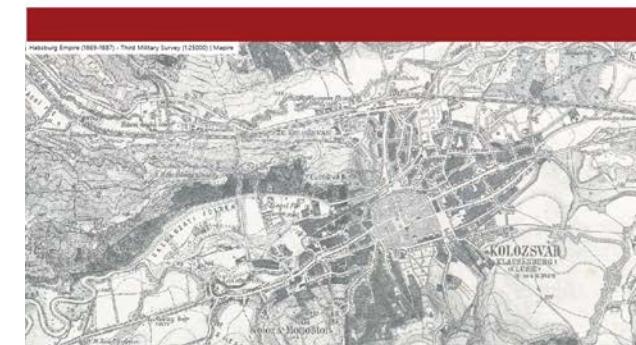Katalin Luffy *Cluj-Napoca*

Conference Programme

CLUJ-NAPOCA 2022

16th ICA Conference

Digital Approaches to Cartographic Heritage

International Cartographic Association
Commission on Cartographic Heritage into the Digital

hosted by the
Faculty of Geography
Babeş–Bolyai University

Cluj-Napoca
22-24.9.2022

http://cartography.web.auth.gr/ICA-Heritage/Cluj-Napoca2022

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