



ICA Commission on Atlases
ICA Commission on Cognitive Issues in Geographic Information Visualization
ICA Commission on Use, User and Usability Issues

The ICA Joint Workshop

Although every atlas is intended for its users, cartographers should pay attention to the fundamental cognitive and usability issues of the product. The ICA joint workshop addresses strengthening existing research on topics related to atlases, cognitive and usability issues and provides a platform for joint cooperation between cartographers dealing with atlases, cognitive, and user issues that will lead to new collaborations, new ideas and new friendships.

The workshop includes oral research presentations, discussion motions and practical workshops. The guided tours to the romantic water cruise on the underground Punkva River and visit the Macocha Gorge, the largest abys in the Central Europe and a visit to the Moravian Cartographic Center.

Olomouc (Czechia)

April 27–30, 2018



Palacký University
Olomouc

DAY 1 – Friday, April 27, 2018

Arrivals and registrations – *Venue: Dept. of Geoinformatics, 17. Listopadu 50, 779 00 Olomouc, Czechia*

REPRODUCIBILITY IN CARTOGRAPHY – one-day C&U workshop

9:00–9:30 Amy Griffin, Sidonie Christophe, Arzu Çöltekin (Australia, France, Switzerland)

Introduction to Reproducibility in the Social Sciences

9:30–10:15 Discussion

coffee break 10:15–10:45

10:45–11:15 Travis White (U.S.A.) Presentation on Cartographic User Studies Database

11:15–12:00 Discussion

lunch 12:00–13:00

13:00–14:00 Practical Matters Discussion

14:00–15:00 Discussion

15:00–15:30 Summary / wrap-up / next steps?

coffee break 15:30–16:00

Commission on Atlases business meeting – 13:00–14:30 A René Sieber, Eric Losang (Switzerland, Germany)

Opening and discussion motions – 16:00–18:00 (*Dept. of Geoinformatics, Palacky University Olomouc*)

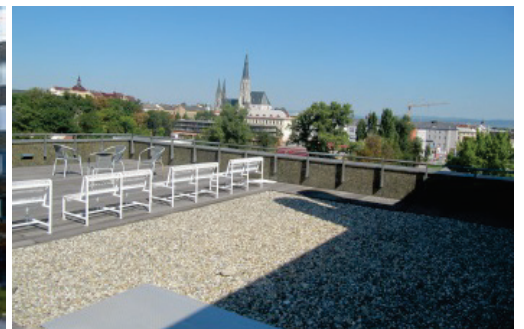
Amy Griffin, Arzu Çöltekin, Sidonie Christophe (Australia, Switzerland, France) C The reproducibility 'crisis' in science: Is it relevant for cartographers?

Menno-Jan Kraak (Netherlands) A Atlas, what atlas?

Vít Voženílek (Czechia) A Towards True Atlases: a System Theory in Atlas Conceptualization

Susanne Bleisch (Switzerland) A Opportunities and limitations of the story network principle – exemplified by the 'Alters-Atlas'

Welcome drink – 18:00–19:30 (*top floor of the faculty building*)



DAY 2 – Saturday, April 28, 2018

1st session – 9:00-10:30 (*Dept. of Geoinformatics, Palacky University Olomouc*)

Eric Losang (Germany)  The atlas narrative – an analytical framework connecting structuralist and poststructuralist approaches

Anthony C. Robinson, Cary Anderson, Sterling D. Quinn (U.S.A.)  MapSieve: Evaluating Geovisualization for Spatial Learner Analytics

Asche Hartmut, Andreas Fricke (Germany)  From atlas production tools to atlas service system

Robert Roth (U.S.A.)  How can user-centered design studies contribute?

coffee break – 10:30-11:00

2nd session – 11:00-12:30 (*Dept. of Geoinformatics, Palacky University Olomouc*)

Ismini E. Lokka, Arzu Çöltekin (Switzerland)  Virtual environments designed to improve route-learning performance: A focus on age and visuospatial abilities

Jan Brus, Stanislav Popelka (Czechia)  Intuitiveness of uncertainty visualisations: An user study

Dajana Snopková (Czechia)  Introducing the ColorADD color coding system in map design

Mohd Shahmy Mohd Said (Great Britain)  Classifying the Diversity of Bus Mapping Systems

lunch – 12:30-14:00

3rd session – 14:00-15:30 (*Dept. of Geoinformatics, Palacky University Olomouc*)

Katarzyna Słomska, Izabela Gołębiowska (Poland)  Do all digital natives fall for interactive maps?

Sofia Gomez (Honduras)  Atlases and Usability: People interaction with different cartographic means

Alena Vondráková (Czechia)  User Perception of Systematically Created Maps

René Sieber, Raimund Schnuerer (Switzerland)  Atlas of Switzerland – First Experience with User Activity Tracking

Meghan Kelly, Nick Lally, Robert Roth (U.S.A.)  Humanizing Interactive Maps

coffee break – 15:30-16:00

„Enjoy Olomouc!“ – 17:00+ (*city walk, organ concert, pub party*)

DAY 3 – Sunday, April 29, 2018

4th session – 9:00-10:30 (*Dept. of Geoinformatics, Palacky University Olomouc*)

László Zentai (Hungary)  Development of Hungarian school atlases in the last decades (Atlases)

Bashkim Idrizi (Macedonia), Besart Halimi (Kosova)  The 3D virtual cartographic model for the city of Prishtina

Lukáš Herman (Czechia)  How deal with user interaction in 3D geovisualizations?

Raimund Schnürer, Martin Ritzi, Arzu Çöltekin, René Sieber, Lorenz Hurni (Switzerland) 
Death to 3D pie charts? Hold on a second

coffee break – 10:30–11:00

5th session – 11:00-12:30 (*Dept. of Geoinformatics, Palacky University Olomouc*)

Olaf König (Switzerland)  Retro-atlases II: a new edition of the first Statistical Atlas of Switzerland (1897)

Waldemar Spallek (Poland)  Historical atlas of Hasidism – geovisualisation of mystical religious movement

Viktor Putrenko (Ukraine)  Web Atlas of Sustainable Development of Ukraine

Petr Trahorsch, Jan. D. Bláha (Czechia)  Expert Assessment of Maps in Regional-geographic Textbooks in Terms of Their Usability

trip – 13:00+ (*buffet lunch – Macocha gorge – boat in Punkevní jeskyně caves*)



DAY 4 – Monday, April 30, 2018

Workshops session (*Dept. of Geoinformatics, Palacky University Olomouc, department labs*)

9:00-10:45 Viktor Chabaniuk (Ukraine)  Deconstruction of atlas choropleth map / Atlas Extender as a Tool to Model Relational Spaces

9:00-10:45 Wenke Zimmermann (Switzerland)  SWISS WORLD ATLAS in Class Room – Concept and Development of Educational Workshop Units

9:00-10:45 Stanislav Popelka, Jitka Doležalová, Markéta Beitlová (Czechia)  How different users read maps and atlases? Let's try ScanGraph!

Final discussion & Closing session – 11:00-12:00 (*Dept. of Geoinformatics, Palacky University Olomouc*)

buffet lunch and departures (no later than 12:30)



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