

EuroCarto Online 2020

Tag	Datum	Session	Chair	Start	Ende	Autor, Presenter	Titel
Mon	21.09.2020	Opening	Wolfgang Kainz	14:00	14:30	Wolfgang Kainz, Jochen Schiewe, Mark Wigley	Opening with a video message by Heinz Faßmann, Federal Minister of Education, Science and Research Keynote
				14:30	15:30	Tim Trainor	
		Session 1. Cognition	Jochen Schiewe	18:00	18:05	Jochen Schiewe	Introduction to Session
				18:05	18:25	Silvia Klettner	More than identifiers: Map symbols and their connotative meaning
				18:25	18:45	Alena Vondráková	Map symbol design: Presenting abstract topics with advanced symbology
				18:45	19:05	Zsolt Gyozo Török	North in the head: spatial reference frame and map orientation
				19:05	19:25	Franz-Benjamin Mocnik	Tracing Mental Models in Cartographic Datasets – The Case of OpenStreetMap
Tue	22.09.2020	Session 2. Multimedia	Mark Wigley	14:00	14:05	Mark Wigley	Introduction to Session
				14:05	14:25	Gábor Gercsák	From the digital contentual facsimile of a globe map to a contemporaneous facsimile globe in 3D (The rebirth of Perczel's globe)
				14:25	14:45	Mathias Gröbe	A new web map for the MeinGrün app
				14:45	15:05	Peter Fischer-Stabel	Explorer Maps and mobile Augmented Reality for Outdoor Adventure Tourism
				15:05	15:25	Raluca Nicola	Explorations in 3D web cartography
		Spotlight 1. COVID and Methodology	Georg Gartner	16:00	16:05	Georg Gartner	Introduction to Session
				16:05	16:15	Vít Pászto	Mobility Community Reports data: Geovisual analytics and cartographic synthesis of behaviour changes due to COVID-19 pandemic in Europe
				16:15	16:25	Rostislav Netek	Interactive Spatial Visualization of Aggregated Non-spatial Coronavirus Data
				16:25	16:35	Julia Koschinsky	Modes of Reasoning to Detect Explanatory Insights with Spatial Data Analysis
				16:35	16:45	Alena Vondráková	Visualization of spatiotemporal data with different topology
16:45	16:55	Sebastian Specht	Detail or Disclosure – Towards a Visualisation of Confidentiality Related Spatial Damage to Demographic Grids.				
		Spotlight 2. Methods and Applications	Dirk Burghardt	18:00	18:05	Dirk Burghardt	Introduction to Session
				18:05	18:15	Neža Ema Komel	Upgrade of existing algorithms for creating contour lines on topographic maps of the karst surface
				18:15	18:25	Sam Bark	Mapping Photography
				18:25	18:35	Rostislav Netek	Cartographic Visualisation of Spatial Phenomenons within Creative Industries
				18:35	18:45	Antonio Suazo	A new method for using historical street photography collections as a primary source for cartographic production
18:45	18:55	Stanislav Popelka	Visual Inspection of Geological Maps: an eye-tracking Study				
18:55	19:05	Mark Wigley	Benefitting from GIS within Adobe's Creative Cloud				
CartoHack - #1.0 - Weather Data from the German Weather Service (DWD)			Sebastian Meier	19:15	20:15	Sebastian Meier	<p>As part of this year's EuroCarto 2020, we are initiating a new format: CartoHacks. Instead of traditional presentations, CartoHacks focus on hands-on exchange of experiences on how to make the most out of digital cartographic tools and services. Members from our community will provide live tutorials and provide insights into their methods and processes. We try to provide tutorials in a way that do not require too much previous experience with the topics, so that everybody can take something away from it</p> <p>The first CartoHack will take us on a journey exploring weather data from the Germany Weather Service (DWD). From getting access, downloading, through processing, down to the visualization of the data using (Python + Jupyter Notebooks). As a use case for weather data Sebastian will also introduce the project "Gieß den Kiez" by CityLAB Berlin. The source code for the tutorial, as well as the code for "Gieß den Kiez" is open source. So, if the talk gets you excited about weather data, feel free to dive deeper into the topic using the code examples.</p> <p>The CartoHack event will be 60 minutes. The tutorial will take 30-45 minutes, so that we have enough time for a Q&A.</p>
Wed	23.09.2020	Keynote	Jochen Schiewe	14:00	14:45	Gerd Buziek	COVID-19 Dashboard Experiences – Lessons learned
				14:45	14:50	Jochen Schiewe	Introduction to Session
		Session 3. Atlas Cartography		14:50	15:10	Marketa Beitlova	Student's reading of thematic maps from Czech school world atlas – an eye-tracking study
				15:10	15:30	Raimund Schnürer, Lorenz Hurni	Augmenting Printed School Atlases with Thematic 3D Maps
				15:30	15:50	Lina Wandee Dönni	The atlas of aging society 2.0
		Spotlight 3. Atlas and Applications	Wolfgang Kainz	16:30	16:35	Wolfgang Kainz	Introduction to Session

				16:35	16:45	René Sieber , Eric Losang	Current challenges in Atlas Cartography
				16:45	16:55	Jakub Koníček	Key milestones of infographics evolution in cartography
				16:55	17:05	Carla Sena , Barbara Jordão	The Possibility of Developing Geographic and Cartographic Education using Minecraft
				17:05	17:15	Jana Moser	Visualising reporting patterns of Citizen Science observations and their importance for the interpretation of data and visualisations: the example of ornithological observations
		Session 4. Deutschsprachige Vorträge	Thomas Schulz	18:00	18:05	Thomas Schulz	Einführung in die Session
				18:00	18:20	Detlef Günther-Diringer	AR-Anwendungen mit historischen Karten
				18:20	18:40	Beata Medynska-Gulij	Experten und Computerspieler über eine Art, in die virtuelle Realität einzutauchen
				18:40	19:00	Pascal Tschudi	Neue Aufgabenkultur für digitale Kartenarbeit im Schulunterricht mittels mobiler Geräte
				19:00	19:20	Klaus Freitag	Vektorisierung und Automatisierung am BEV – ein Zwischenbericht zur Erstellung von KM50-Vektor

Thu	24.09.2020	Session 5. Theory and Methodology	Mark Wigley	14:00	14:05	Mark Wigley	Introduction to Session
				14:05	14:25	Dalia Varanka	A Prototype Knowledge Graph for National Topographic Mapping
				14:25	14:45	E Lynn Usery	GeoAI for Topographic Mapping Feature Extraction to Knowledge Graph
				14:45	15:05	Otakar Cerba	Maps of Attractiveness of European Regions
				15:05	15:25	Lina Huang	Style transfer and art reconstruction for thematic map using deep learning
				15:25	15:45	Florian Ledermann	Classifying Cartographic Projections Based on Dynamic Analysis of Program Code
		Spotlight 4. Innovations and Applications	Georg Gartner	16:00	16:05	Georg Gartner	Introduction to Session
				16:05	16:15	Mikko Rönneberg	Enhancing interaction in maritime spatial planning workshops through collaborative GIS
				16:15	16:25	Krisztián Kerkovits	Reference frame and map projection for irregular shaped celestial bodies
				16:25	16:35	Jan Brodský	Missing maps project and its use in education
				16:35	16:45	Tomáš Janata	Selected possibilities of modelling and visualization of historical landscape in web map applications
				16:45	16:55	Mátyás Gede	Spatiotemporal analysis of rental bike data in Budapest
				16:55	17:05	Rebeca Merino del Río	Opportunities and precautions in the implementation of advanced spatial analysis tools to cultural landscape restoration
		Spotlight 5. Applications	Dirk Burghardt	18:00	18:05	Dirk Burghardt	Introduction to Session
				18:05	18:15	Jaturong Som-ard	Predicting forest change in Phu Phan national park, Thailand using multi-temporal Landsat satellite images
				18:15	18:25	Filip Moravčík , Eva Micietova	Interactive classification and spatial modeling of land cover changes in the Slovak Republic in the period 1990 to 2018
				18:25	18:35	Ashna Kareem	Best for Braille Users: A Comparison of Mapping Software
				18:35	18:45	Waldirene Carmo , Carla Sena	Tactile Cartography Courses in the Continued Education of Teachers from Latin America
				18:45	18:55	Wolfgang Kainz	Appreciation of Sponsors
		CartoCafe	Jochen Schiewe	19:45	20:45		CartoCafe extra: EuroCarto - what's next? In the CartoCafe we would like to talk about the advantages and disadvantages of the online conference and discuss how a future EuroCarto / German Cartography Congress might look like. Would it be desirable to mix presence and online formats or would you opt for one of them? Contributions to the discussion may be in English or German.
		CartoCafe	Jochen Schiewe	19:45	20:45		CartoCafe extra: EuroCarto - wie geht es weiter? Im CartoCafe möchten wir über die Vor- und Nachteile der Online-Konferenz sprechen und diskutieren, wie ein zukünftiger EuroCarto / Deutscher Kartographie-Kongress aussehen könnte. Wäre es wünschenswert, Präsenz- und Online-Formate zu mischen, oder würden Sie sich für eines von beiden entscheiden? Die Beiträge zur Diskussion können in englischer oder deutscher Sprache erfolgen.

Fri	25.09.2020	Keynote	Georg Gartner	14:00	14:45	Wolfgang Kainz	Cartography through the Years – Personal Views about a Young Science
		Session 6. Design		14:45	14:50	Georg Gartner	Introduction to Session
				14:45	15:05	Menno-Jan Kraak	Design strategies for airline route maps, learning from the past
				15:05	15:25	Vit Vozenilek	Optimization of maps from public transport information systems
				15:25	15:45	Radek Barvir	Graphic map load comparison of two Czech school atlases using edge detection
		Closing	Georg Gartner	15:45	16:00	Wolfgang Kainz, Jochen Schiewe, Mark Wigley, Thomas Schulz	