"GIS and the City": the Use of GIS in Historical Research

The general use of digital maps and mapping has increased dramatically over the last years. Parallel to this boom in mapping the diffusion of Geographic Information Systems (GIS) rose with the ubiquitous use of digital data, devices and the internet. Maps and map-based information are not only everyday companions on our cell-phones, weather and traffic maps, they also move more and more into the focus of the Humanities.

GIS seems particularly attractive for historical research with a strong spatial dimension such as Urban History. GIS has been applied not only for visualizing patterns and structures which have already been analysed by 'traditional' methods, but also for the process of building and developing hypotheses through the identification of spatial structures which are not so easily discerned in narrative or tabular form.

This Workshop

An European-wide setting of interesting and different approaches in the use of GIS for historical questions and research is presented in this workshop. A "GIS Marketplace" will offer new ideas and projects from students and scholars working with GIS & History. A concluding Round-Table discussion will present critical views on benefits and possible pitfalls of GIS in the Humanities.

Conveners

TU Darmstadt History Department www.geschichte.tu-darmstadt.de

TU Darmstadt Cluster ,Urban Research' www.stadtforschung.tu-darmstadt.de/start_1/ index.de.jsp

GSU – Gesellschaft für Stadtgeschichte und Urbanisierungsforschung e. V. www.gsu-stadtgeschichte.com

Contact

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Venue:

Gebäude Nr. S3 | 20, Rundeturmstraße 10, 64283 Darmstadt, Germany

49°52'28.8" N 8°39'38.0"E (N 49.874665 E 8.660542)

WebApp: https://arcg.is/0yCnCW

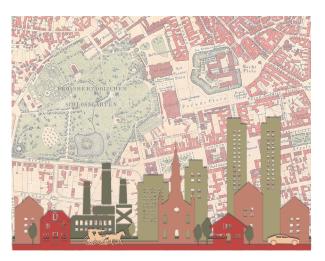
Interested guests are welcome – please register in advance: sekr-nng@pg.tu-darmstadt.de

Bildquelle: Plan der Haupt- und Residenzstadt Darmstadt mit Bessungen 1878. Sp_Dal878; URI: http://tukart.ulb.tu-darmstadt.de/id/eprint/7
Artwork: Sonja Stein – www.grafik-stein.de

GIS and the City

The Use of GIS in Historical Research

International Workshop





September 13th and 14th 2018

Technical University of Darmstadt, Germany

THURSDAY, SEPTEMBER 13TH

- 13.30 Registration/Coffee
- 14.00 Welcome and Introduction

Welcome by the Dean of the Faculty of Social and Historical Sciences of TU Darmstadt, Prof. Jens Steffek

Dieter Schott: Expectations and perspectives for the workshop "GIS and the City"

I. City – Hinterland – Environment

Chair: Gerrit Schenk, History Dep., TU Darmstadt

- 14.20 Step by step backwards in time: Revealing Vienna's historical Danube river landscape by GIS Severin Hohensinner (Vienna, Austria)
- 14.40 Jenseits der Mauer. Zur Raumstruktur frühneuzeitlicher städtischer Landwirtschaft [Beyond the walls: On Spatial Structures of Early Modern Urban Agriculture]
 Olaf März (Bremen, Germany)
- 15.00 Foodscape and the "spatial turn": the GIS approach to sustainability Nadia Fava/Marta Carrasco/ Romà Garrido (Girona, Spain)
- 15.20 Discussion
- 15.45 Coffee Break

II. City as a Social Web

Chair: Christian Hickel, Geodaetics Dep., TU Darmstadt

- 16.00 GIStorical Antwerp: travelling back in time with a socio-spatial reconstruction of Antwerp (1584–1984)

 Iason Jongepier/Rogier van Kooten (Antwerp, Belgium)
- 16.20 GIS: advantages and pitfalls of a spatial correlations explorer tool. Reflections about two Parisian case studies

 Léa Hermenault (Paris, France)
- 16.40 DA_GIS. Filling the voids in the recent history of Darmstadt
 Wolfgang Moschek (Darmstadt, Germany)
- 17.00 Discussion
- 17.20 Coffee Break

III. City as a Social Web (2)

Chair: Sebastian Haumann, History Dep., Darmstadt

- 17.30 Villux X Mapping the topographical change of the city of Luxembourg and its socio-economic structure Simon Schneider (Luxemburg)
- 17.50 Social differentiation and spatial patterns in a multiethnic city in the 19th century

 Gabor Demeter (Budapest, Hungary)
- 18.10 Discussion
- 18.45 Keynote: Reconstructing the Past: Mapping Edinburgh's Social History Richard Rodger (Edinburgh, Great Britain)
- 20.00 Conference Dinner

FRIDAY, SEPTEMBER 14TH

IV. GIS in Public History

Chair: Detlev Mares, History Dep., TU Darmstadt

- 9.00 ,Unsichtbare Orte' [Invisible Places]:
 Exploring the city with co-creative strategies of education
 Kathrin Schön (Frankfurt, Germany)
- 9.20 A map-based historical encyclopedia of Stuttgart
 Katharina Ernst (Stuttgart, Germany)
- 9.40 Discussion
- 10.00 GIS Marketplace
 (Poster Presentations + Coffee Break)

V. ,Brave New GIStory'

Chair: Wolfgang Moschek, History Dep., TU Darmstadt

- 10.40 Digitising cadastral data: a source edition for GIS-based urban research in a European perspective

 Daniel Stracke (Münster, Germany)
- 11.00 Historical GIS What's the point (x, y)?
 Alexander von Luenen
 (Huddersfield, Great Britain)
- 11.20 Discussion
- 11.30 Round-Table: historical GIS and urban history: benefits and pitfalls (Vadim Oswalt, Gießen; Sabine Bartsch, Darmstadt; Mirjana Ristic, Darmstadt; Germany)
- 12.30 Closing Remarks
- 12.40 Lunch Reception
- 14.00 (optional) GIS-assisted city tour of Darmstadt