
„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

Prof. Dr. Dieter Schott
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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_Da1878; 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 GISHistorical 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 (Luxembourg)

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
