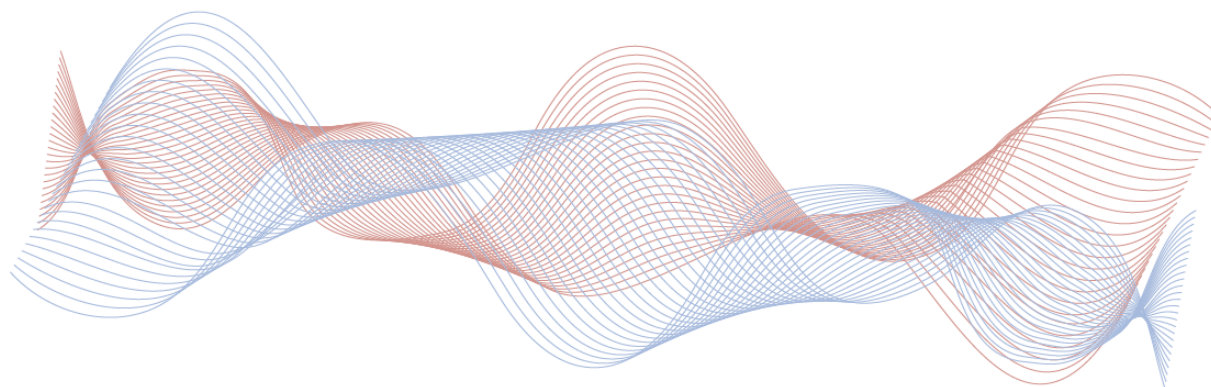


# Time in Space

## Geohistorical Applications, Methods and Theories in GIScience



Pisa June 26–28, 2019



# Conference Programme

Foresteria Lungarno Sidney Sonnino, 18, 56125 Pisa PI  
Auditorium

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26/06/2019 – Wednesday

08:30-09:00

Registration

09:00-09:30 Welcome Session

Paolo Mancarella, Rector of the University of Pisa  
Simone Maria Collavini, CFS Department (Vice Director)  
Pietro Tornabene, IGMI Commander  
Maurizio Trevisani, Tuscany Region

09:30-10:30 – Keynote speech

Ian Gregory (Lancaster University, U.K.)

10:30-11:30 – Session I

Moderator: Luis Ferla – Universidade Federal de São Paulo

**Reconceiving Space on Eighteenth Century Roads**

*Katherine McDonough*  
*Turing Institute*

**Mapping Sculpture in the Liminal Spaces of Early Modern Italy**

*Catherine Walsh*  
*University of Montevallo*

**Transhumance space in historical transformations: processing textual and cartographic historical data of Grosseto district into a GIS framework**

*Michele de Silva; Cristoferi Davide; Giovanna Pizziolo\*; Mara Visonà; Andrea Zagli*  
*Università degli Studi di Firenze; Università degli Studi di Siena\**

11:30-11:45

Refreshments

## 11:45-13:00 – Session 2

Moderator: Luis Ferla – Universidade Federal de São Paulo

**Mapping time, mapping space: detecting and reconstructing the Madaba Mosaic Map s cultural and physical landscape through innovative technologies**

*Margherita Azzari; Carmelo Pappalardo; Anna Lena  
Università degli Studi di Firenze*

**The Historical Atlas of Limousin: questions and methods for a contributory geo-historical data system**

*Juliette Morel; Anne Massoni; Rémi Couzevialle  
Université de Limoges*

**Quantifying the sound. The space of bells in medieval monasteries estates**

*Stefano Bertoldi  
Università degli Studi di Siena*

**Medieval Time in Space. The Use of GIS for the Diachronic Study of the County of Barcelona (9th to 12th c.)**

*Maria Soler-Sala  
University of Barcelona*

## 13:00-14:30

Lunch

## 14:30-15:45 – Session 3

Moderator: Massimo De Marchi – Università di Padova

**Tor Marancia: digital tools for enjoyment and valorisation of a common**

*Luisa Spagnoli; Arturo Gallia\*  
Consiglio Nazionale delle Ricerche-Istituto di Storia dell'Europa Mediterranea; Università di Roma Tre\**

**The virtual reconstruction of disappeared landscapes: to make the invisible visible**

*Pauline Deguy ; Margherita Azzari  
Università degli Studi di Firenze*

**Space and Time representation of a Copper Age funerary context: the Poggio di Spaccasasso (Grosseto, Italy) case study**

*Giovanna Pizziolo; Nicoletta Volante; Matteo Faraoni; Francesco Savarino; Gaia Mustone  
Università degli Studi di Siena*

**Venetian Estimi as a source for landscape change in Modern period. A critical analysis of an historical GIS**

*Viviana Ferrario*  
*Università Iuav di Venezia*

## 15:45-17:00 – Session 4

Moderator: Massimo De Marchi – Università di Padova

**Archaeology and regional planning in Veneto Region: the case of the Piano Paesaggistico Regionale - PPR**

*Alice Vacilotto; Alessandra De Pieri; Chiara D'Inca*  
*Università degli Studi di Padova*

**As it was, as it were: the role and potentiality of GIS in preserving and analysing ancient Venetian maps. A proposal**

*Arianna Lorenzon*  
*Ca' Foscari University*

**Marin Sanudo's itinerary in mainland Venice: HGIS applied to a travel journal of the late Fifteenth Century**

*Alessandra Ferrighi*  
*Università Iuav di Venezia*

**Spatial analysis to unravel the Greek-Roman settlement dynamics. An example from a coastal area landscape (Basilicata, southern Italy)**

*Maria Danese; Paola Di Leo; Giuseppe Corrado; Dario Gioia; Marcello Schiattarella*  
*CNR-IMAA*

## 17:00-17:15

Refreshments

## 17:15-18:15 – Session 5

Moderator: Massimo De Marchi – Università di Padova

**Abandoning children in Lisbon during the 19th century: continuities and changes**

*Joana Vieira Paulino*  
*IHC, NOVA-FCSH*

**Time and Space in the South Atlantic in times of the "Iberian Union". The database "Brasilhis, Personal Networks and Circulation in Brazil during the Hispanic Monarchy (1580-1640)**

*José Manuel Santos*  
*University of Salamanca*

A Spatial Humanities approach to the study of hotel industry in Lisbon in the end of the nineteenth century

*Daniel Alves*  
*IHC, NOVA-FCSH*

**18:15-18:30 – Overall assessment of first-day presentations**

Patricia Murrieta-Flores (Lancaster University, U.K.)

**18:30-19:15 – Keynote speech**

Diego Jiménez-Badillo (INAH, Museo del Templo Mayor, Mexico)

**27/06/2019 – Thursday**

**09:00-10:15 – Session 6**

Moderator: Carla Masetti – Università di Roma Tre

**Always keep your feet dry. The importance of GIScience for facing present-day challenges through reconstructing (pre)historical-adaptive strategies.**

*Rowin J. van Lanen; Menne C. Kosian  
Cultural Heritage Agency of the Netherlands*

**Digital narrations: the historical gis for the management of territory and the environmental risk mitigation**

*Sara Carallo  
Università degli Studi di Roma Tre*

**Natural assets and cultural heritage: Conflict management through GIScience**

*Armando Montanari; Barbara Staniscia  
Sapienza Università di Roma*

**An archaeological approach to south-western Euganean Hills landscape: historical palimpsest decoded by the use of GIS tools**

*Maickol Quarena*

**10:15-11:30 – Session 7**

Moderator: Andrea Favretto – Università di Trieste

**The palimpsestical road networks of the colonial Route of the Silver of Potosí, through the prism of historical cartography (XVIII-XX centuries)**

*Thibault Saintenoy; Maria Florencia Malvarez; Laurent Costa  
Institute of Heritage sciences*

**Historical narrative with maps: GIS and indigenous people in the Amazon in the 18th century**

*Manoel Domingos Farias Rendeiro Neto  
University of California, Davis*

**Marseille during the French Revolution, 1789-1794. Historical mapping test from GIS**

*Angelo Odore; Davide Gherdevich; Daniele Di Bartolomeo  
Università di Teramo*

**Brokering Distance in a Fragmented Empire: Legal Proxies in 18th-Century Colonial Brazil**

*Leonardo Barleta  
Stanford University*

**11:30-11:45**

Refreshments

**11:45-13:00 – Session 8**

Moderator: Andrea Favretto – Università di Trieste

**Changes in the administrative boundaries of Tuscany from 1750 to nowadays: a historical geodatabase**

*Anna Guarducci\**; *Camillo Berti\*\**; *Massimiliano Grava\*\*\**; *Giulio Tarchi\*\**  
*Università di Siena\**; *Università degli Studi di Firenze\*\**; *Università di Pisa\*\*\**

**Globsearoutes (gsr) an historical geodatabase**

*Guido Abbattista*; *Andrea Favretto*; *Marco Pierozzi\**  
*Università di Trieste*; *Istituto Idrografico della Marina Militare\**

**AgriHistory Gis. High farming, latifundium and sharecropping in comparison. A geo-spatial study on the Agrarian Cadastre of 1929 between Lombardy, Tuscany and Puglia.**

*Giacomo Zanibelli*; *Vito Ricci*  
*Universidad Carlos III de Madrid*

**Pauliceia 2.0: A Spatiotemporal Platform for Digital Humanities**

*Luis Ferla*; *Karine Reis Ferreira*; *Cristiane Regina Miyasaka*; *Fernando Atique*; *Daniela Musa*; *Nandamudi Vijaykumar*; *Ana Barbour*; *Carlos Alberto Noronha*; *Orlando Guarnier*; *Rodrigo Mariano*; *Janaina Yamamoto Santos*; *Priscila Meireles*; *Wania Mazzarello*; *Cintia Rodrigues de Almeida*; *Denis Taveira de Lima*; *Ester Dantas Nunes*; *Gabriel Sansigolo*; *Luanna Nascimento*; *Monaliza Caetano dos Santos*; *Vitória Martins Fontes da Silva*; *Eduardo Goiabeira*.  
*Universidade Federal do Estado de São Paulo*

**13:00-14:30**

Lunch

**14:30-15:15 – Session 9 - Software presentations**

Matteo Ghetta (Faunalia)  
Geert Kessels (Nodegoat)

**15:15-16:30 – Session 10**

Moderator: Armando Montanari – Sapienza Università di Roma

**Heatmap and geostatistic analysis: evaluation of the concentration of radon level in Lombardia**

*Filippo Gagliano  
IS Lotto*

**Geographical perspectives of the 1912 Census. A quest for founding a Romanian National HGIS**

*Cezar Buterez; Theodor Cepraga; Andreea Popa; Marius-Andrei R Duc; A. Iulian Dochi; Oana Candit  
Faculty of Geography, University of Bucharest*

**Re-imagining places trough old maps and pictures: the Jewish ghetto of Trieste**

*Giovanni Mauro; Cristina Fenu  
Università di Trieste*

**Spatial analysis of the Muslim population of Ufa based on the "religious census" of the NKVD in 1923**

*Aislu Yunusova; Yulay Absalyamov  
Russian Society of Historians and Archivists. Bashkir Branch*

**16:30-16:45**

Refreshments

**16:45-18:00 – Session I I**

Moderator: Armando Montanari –Sapienza Università di Roma

**Lines, when to straighten them? An inquiry in Historical Geography and Cartography**

*Vinicius Maluly  
École des Hautes Études en Sciences Sociales*

**Too Good to Be True. Geospatial Data Models and the Old Reich**

*Luca Scholz  
Stanford University*

**Narrative Maps in History**

*Tiago Gil  
Universidade de Brasília*

**Map this! Mapping without cartography and GIScience**

*Daniele Ietri  
Libera Università di Bolzano*



## 18:00-18:15 – Overall assessment of second-day presentations

Daniel Alves – Universidade Nova de Lisboa, Portugal

## 19:30

Boat tour on the Arno River & Dinner (Poldino's restaurant) [*optional*, 32€ ]

**28/06/2019 – Friday**

**09:00-10:15 – Session 12**

Moderator: Paola Zamperlin – Università di Pisa

**The use of GISciences in the representation of the socioeconomic transition of urban areas**

*Giancarlo Macchi*  
*Università degli Studi di Siena*

**Recognition of Colonial Urban Structure in Brazil with Satellite Analysis and GIS Methods**

*Amanda do Couto*  
*Universidade de Brasília*

**Mapping the ancient urban density, turning a map in dataset**

*Davide Pavia*  
*Sapienza Università di Roma*

**The historical cartography and the Gis in the study of cities: the case of L'Aquila**

*Paola Tagliente; Daniele Di Bartolomeo*  
*Università di Teramo*

**10:15-11:30 – Session 13**

Moderator: Giancarlo Macchi Jánica – Università degli Studi di Siena

**Mapping the past: new perspectives for the georeferencing process**

*Arianna Traviglia; Irene Sarcinelli; Filippo Bergamasco*  
*Università Ca' Foscari di Venezia*

**From photos to GIS: comparing geo-referenced and vectorised historical ground photos and cartographies for an assessment of rural landscape changes. The case study of the Aveto Valley (Liguria, Italy).**

*Nicola Gabellieri; Carlo Alberto Gemignani\**  
*Università di Trento; Università di Parma\**

**Creating collections of entities with temporally attributed geometries in nodegoat**

*Pim van Bree; Geert Kessels*  
*LAB I 100*

**Time in Place for Historical Gazetteers**

*Karl Grossner*  
*University of Pittsburgh*

**11:30-11:45**

Refreshments

**11:45-13:00 – Session 14**

Moderator: Margherita Azzari – Università di Firenze

**Virgoamna and those expeditions to the Arctic**

*Gianluca Casagrande*  
GREAL - European University of Rome

**Computational approaches to explore historical geographies: New Spain in the 16th century**

*Patricia Murrieta-Flores; Raquel Licerias-Garrido; Katherine Bellamy; Bruno Martins; Mariana Favila-Vázquez; Diego Jimenez-Badillo; Jacinto Estima; Ian Gregory*  
Digital Humanities Hub - Department of History, Lancaster University

**Deconstructing voids, recreating colonial settlements: the Northern Brazilian "Sertões" and their territories**

*Esdras Arraes*  
Universidade de São Paulo - USP

**Challenges in Combining Historical and Cartographical Sources in a Historical GIS Project**

*Peter Paul Marckhgott-Sanabria; Antonia Dückelmann; Anna Piechl; Peter Andorfer; Matthias Schlögl*  
ACDH-OEAW

**13:00-14:30**

Lunch

**14:30-15:30 – Session 15**

Moderator: Enrica Salvatori – Università di Pisa

**PAST IN USE. A Methodology for the recognition of identity values in historical cultural landscapes**

*Margherita Azzari; Camillo Berti; Paola Zamperlin\**  
Università degli Studi di Firenze; Università di Pisa\*

**The documentary heritage of the ex Institute of Geography of the University of Rome Sapienza: educational applications in GIS environment**

*Sandra Leonardi; Monica De Filipo; Epifania Grippo*  
Sapienza Università di Roma

**Where I live? GIScience and historical sources for the knowledge of your neighbourhood:  
a teaching experience**

*Arturo Gallia  
Università Roma Tre*

## **15:30-16:30 – Session 16**

Moderator: Margherita Azzari – Università di Firenze

**Mapping the Middle Ages. From primary, lacunous, unstandardized, diverse sources to  
dynamic maps**

*Enrica Salvatori ; Paolo Mogorovich  
Università di Pisa*

**Assessing and representing land use/land cover changes along historical walls and rivers  
in Padova**

*Guglielmo Pristeri; Francesca Peroni; Salvatore Pappalardo; Daniele Codato; Massimo De  
Marchi  
Università di Padova*

**Hidden waters. A methodology for the census of covered streams in urban areas**

*Margherita Azzari; Camillo Berti; Paola Zamperlin\*  
Università degli Studi di Firenze; Università di Pisa\**

## **16:30-16:45**

Refreshments

## **16:45-17:30 – Session 17**

**Tracing Places and Dates in an Early Modern context**

*Arno Bosse  
University of Oxford*

**Dynamic map of external Russian borders (1462-2018)**

*Alexey Frolov  
Institute of World History, Russian Academy of Sciences*

## **17:30-18:30 – Session 18**

**Historical landscape of the Eastern Euganean Hills**

*Luca Caloi  
Università di Padova*

Land use and cover reconstruction via GIS techniques with heterogeneous sources of different periods. Change of a part of Pontine Region during two hundred years

*Diego Gallinelli*  
*Università degli studi Roma Tre*

The Changing Landscapes in the Pisa South Picenum Survey Project II

*Simonetta Menchelli; Eleonora Iacopini*  
*Università di Pisa*

## 18:30-18:45 – Overall assessment of final-day presentations

Tiago Gil – Universidade de Brasília, Brasil

## 18:45-19:15 – Keynote speech

Francesca Bocchi (Centro "Gina Fasoli" per la storia delle città. Università di Bologna, Italia)

## Scientific Committee

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