

# PROGRAM BOOK

23-25 SEPTEMBER 2026|  
BRAGA, PORTUGAL

Artificial Intelligence  
and Geotechnologies  
for Human  
Experiences



Laboratory of Landscapes  
Heritage and Territory



Universidade do Minho  
Instituto de Ciências Sociais

**FLAD**  
FUNDAÇÃO LUSO-AMERICANA  
PARA O DESENVOLVIMENTO



## Welcome to the SH26 Congress

The local organizing committee for spatial humanities hopes that your involvement is both enjoyable and energizing!

**PROGRAM: 2<sup>nd</sup> version 14 of September 2026**

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## The overall concept

### **“Artificial Intelligence and Geotechnologies for Human Experiences”**

SH26 international conference is guided by the theme “Artificial Intelligence and Geotechnologies for Human Experiences”. We welcome submissions on all aspects of using geospatial technologies in humanities research by different research fields, including (but not limited to) geography, history, literature, archaeology, economy, geology, sociology, education, literary studies, classics, linguistics, art history, anthropology and religious studies. The main aim is to explore and demonstrate the contributions to knowledge enabled by geospatial technologies, approaches and methods within and beyond the digital humanities.

## General Topics

1. Geospatial Technologies Applied to the Humanities
2. Methodological Innovation and Computational Approaches
3. Heritage and Spatial History
4. Spatialized Narratives, Mobility, and Networks
5. Spatial Data, Digital Collections, and Infrastructure
6. Environmental Humanities, Landscape Studies and Sustainability
7. Education, Digital Literacy, and Scientific Dissemination
8. History and Study of Social Phenomena
9. Spatial Cognition and Representation of Space
10. Urban Space and Mobility
11. Interdisciplinarity and Integration in Spatial Humanities
- 12 - Workshop

## Plenary Sessions' Topics

### **PS01 – Thursday, 12:00-13:00**

Anne Knowles

### **PS02 – Friday, 12:00-13:00**

Ignatius Ezeani

## Committees

### Executive Committee

Ian Gregory, Lancaster University, UK  
Carmen Enss, University Bamberg, Germany  
Daniel Alves, Universidade NOVA de Lisboa, Portugal  
Joana Paulino, Universidade NOVA de Lisboa, Portugal  
Klaus Stein, University Bamberg, Germany  
Lise Foket, Ghent University, Belgium  
Seraphim Alvanides, TU Dortmund University, Germany  
Vincent Ducatteuw, Ghent University, Belgium

### Programme Committee

Iason Jongepier, University of Antwerp, Belgium  
Katie McDonough, Lancaster University, UK  
Carmen Brando Lebas, l'EHESS, France  
Christophe Verbruggen, Ghent University, Belgium  
Ruth Mostern, University of Pittsburgh, USA  
Tiffany Earley-Spadoni, University of Central Florida, USA  
Jitka Močičková, Czech Academy of Sciences, Czech Republic  
Don Lafreniere, Michigan Technological University, USA

Ana Plosnić, Institute of Art History in Zagreb, Croatia  
Zef Segal, College of Management Academic Studies, Israel  
Ma Zhaoyi, Nanyang Technological University, Singapore  
HE Jie, Harbin Institute of Technology, Shenzhen, China  
Andrea Ballatore, King's College London, UK  
Jyothi Justin, Indian Institute of Technology Indore, India  
Johannes Sibeko, Nelson Mandela University, South Africa  
Elton Barker, Open University, UK  
Leif Isaksen, University of Exeter, UK  
Mustafa Erdem Kabadayı, Koç University, Istanbul  
Carol Ludwig, Saarland University, Germany

### Local Organizing Committee

Vitor Ribeiro, University of Minho, Portugal/Lab2PT  
Paula Remoaldo, University of Minho, Portugal/Lab2PT  
Flávio Nunes, University of Minho, Portugal/CECS.UMinho  
Hélder Lopes, University of Minho, Portugal/Lab2PT  
Alexandra Esteves, University of Minho, Portugal/Lab2PT  
Joana Sequeira, University of Minho, Portugal/Lab2PT  
Filipe Brandão, University of Minho, Portugal/Lab2PT  
Juliana Alves, University of Minho, Portugal/Lab2PT

## Organization and Support

**Staff:** Carla Xavier, Tomás Cana, Diana Mendes, Ângela Calisto, Virginia Abreu, Sara Cunha, Cláudia Novais, Rúben Melo, Inácio Ribeiro, Ângela Ferreira, Carla Rouceiro, Leonardo Silva, Cátia Faria, Maria João



Laboratory of Landscapes,  
Heritage and Territory



Universidade do Minho  
Departamento de Geografia



**ACKNOWLEDGMENTS:** This initiative was supported through the Multiannual Funding of the Landscape, Heritage and Territory Laboratory (Lab2PT), Ref. UID/04509: Laboratório de Paisagens, Património e Território (Lab2PT/UM), financed by national funds (PIDDAC) through the FCT/MCTES.

## Congress Venue

### University of Minho

Campus de Gualtar, Braga, Portugal

Coordinates: 41.560609, -8.400012

Map: <https://maps.app.goo.gl/e1svxFrRyMsjkjgN8>

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## Access to Wi-fi

**Wi-fi name: SH26@guest**

**Password: 2026!!SH26**

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## **Instructions to Chairs and Presenters**

The Organizing Committee thanks a lot your participation and support in SH26 Congress. Please be aware of the following issues and rules.

1. Sessions will last mostly 1:15 hours. Please stick to the times shown in the program.
2. If you have a missing presentation in your session, please use the time for a discussion of the precedent paper(s) or for a recess. Do not shift papers to fill voids, as individuals may want to attend a particular paper.
3. The majority of sessions have 3 papers. Each presenter has 15 minutes to present his/her paper. Each session has 30 minutes of discussion at the end.
4. If a speaker continues after time has expired, please let her/him know that time has expired. The audience and the other speakers will respect and support your decision.

We recall the duties of a Session Chair:

- To promote compliance with schedules and the fair distribution of time available for all communications;
- To manage the debate time;
- To report to the secretariat the papers that were not presented in the session.

To create some memories of the Congress, there will be a staff member that will invite all presenters to take a photo at the end of the session.

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## **Paperless conference**

SH26 is committed to acting sustainability and environmentally responsible in as many ways as possible.

# Daily program

version 3

**Wednesday, 23 September 2026**

**Venue: Campus de Gualtar, Braga, University of Minho**

## Registration

**9:00-11:00 Building 16 - Engineering School - Hall**

## WORKSHOP I

**09:30-12:30 | Wednesday, 23 September 2026**

**Building 15 - Institute of Social Sciences - Laboratório Pedagógico I (Computer Room 0.04)– limited places**

**Ignatius Ezeani, Lancaster University, UK:** AI and NLP for Spatial Humanities: From Manual Annotation to LLM-Assisted Interpretation

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## WORKSHOP II

**09:30-12:30 | 23 September 2026**

**Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)**

**Ruth Mostern, University of Pittsburgh, USA:** From Locations to Places: Modeling and Visualizing Regions and Neighborhoods

Region and neighborhood are fundamental topics in cultural geography. As named places that are sites of human meaning and experience, regions and neighborhoods are appropriate candidates for historical gazetteers and other spatial humanities projects. However, they often lack formal boundaries or official designations. There are few good exemplars or standards for how to model and represent them in spatial humanities and historical GIS projects. This workshop is an opportunity to scope the problem, examine the state of the field, and discuss future steps.

Organizers of this workshop are affiliated with the University of Pittsburgh's Institute for Spatial History Innovation (ISHI), the World Historical Gazetteer, and representatives of the Pelagios Place Working Group. At the conclusion of the sessions, the organizers will write up a summary of the findings that we will disseminate through Pelagios Place Working Group.

The first session will consist of opening framing remarks from the organizers followed by short presentations by invited speakers that explore how current projects represent informal, fluid, unbounded, and vernacular regions and neighborhoods at scales ranging from the very local to the continental, and from the highly persistent to the ephemeral. The final hour will consist of open discussion where we will ask participants to consider questions like how to describe, model, and visualize regions and neighborhoods of multiple spatial and temporal scales, and how to tackle the many kinds of uncertainty inherent to such entities, especially in light of the affordances offered by linked data. Participants will consider the methodological and interpretive challenges that arise when modeling at different resolutions.

The workshop also aims to surface best practices for working across spatial and temporal scales; strategies for communicating imprecision, uncertainty, and contestation, and opportunities for more robust, transparent, and context-sensitive digital representations of regions, neighborhood, and place in general.

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## COFFEE-BREAK

**11:00-11:30 | Wednesday, 23 September 2026**

**Venue:** Building 15, Institute of Social Sciences (Hall)

## LUNCH BREAK

**13:00-14:00 | Thursday, 23 September 2026**

**Venue:** Building 11, Grill Restaurant

## Visit to the city center

**14:00-18:00 | Wednesday, 23 September 2026**

**Meeting Point:** Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

[Roteiro histórico de Braga](#)

*With over 2000 years of history, Braga is the oldest city in Portugal and one of the world's oldest catholic cities.*

*Founded by the Romans in the year 16 b.C. and named "Bracara Augusta" in honor to the emperor Cesar Augusto. It was the capital of Galécia, from where derived five Roman Roads, with a vast territory that went from the North Douro until the Cantabrian. After conquests and re-conquests from several people, the king of Leon, D. Afonso IV donated it as a dowry to his daughter D. Teresa at a time of her wedding with the Count D. Henrique of Burgundy.*

*The long history of Braga is visible in its monuments and churches, being the Cathedral the most imposing and displaying several different styles, from roman to baroque, also being proud of the splendid houses, particularly the XVIII century ones.*

*A young, cosmopolitan and multicolor city, Braga shows with confidence a wide range of success and prosperity scenarios, extending its tutelary and entrepreneur arms to areas as vital as the culture, the commerce, industry and services. The ones who visit us have the possibility to attend a diversified touristic and cultural program, taking a civilizational route documented since the Prehistory to the current days and live the real Minho culture, engraved in the vast heritage, in the ethnographical groups, village festivals, fairs and pilgrimages, as well as in the rich and diverse handicraft.*

Source: <https://www.cm-braga.pt/en>

**Thursday, 24 September 2026**

**Venue: Campus de Gualtar, Braga, University of Minho**

## Registration

**9:00-11:30 Building 16 - Engineering School - Hall**

## OPENING SESSION

9:30-10:15 | Thursday, 24 September 2026 Room: **Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)**

Session and Room Staff: Leonardo, Rúben, Inácio and Sara

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### Welcome Speeches



**PEDRO AREZES**  
RECTOR OF THE UNIVERSITY OF MINHO  
University of Minho



**IAN GREGORY**  
SPATIAL HUMANITIES ASSOCIATION  
Lancaster University



**JOÃO CABELEIRA**  
DIRECTOR OF Lab2PT  
University of Minho



**SARA BALONAS**  
VICE-PRESIDENTE DO ICS  
University of Minho



**VÍTOR RIBEIRO**  
LOCAL ORGANIZATION COMMITTEE  
University of Minho

## PARALLEL SESSIONS

10:15-11:30 | Thursday, 24 September 2026

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### 1 - Spatial Data, Digital Collections, and Infrastructure

10:15-11:30 | Thursday, 24 September 2026

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**Chair: Paula Remoaldo**

EXPLORING GEOGRAPHIC INFORMATION SERVICES IN EUROPEAN UNIVERSITY LIBRARIES

**Lisandra Otero Borges**; Sara Martínez-Cardama; Nuria Bautista-Puig

MAPPING DEATH: SUICIDE, URBAN SPACE, AND HISTORICAL GIS IN SÃO PAULO

**Monaliza Caetano**

SAFEGUARDING AND VALUING HERITAGE THROUGH COMMUNITY MAPPING AND DIGITAL NARRATIVES

**Diana Mendes**; Alexandra Esteves; José Gabriel Andrade

Session and Room Staff: Ângela Calisto, Diana Mendes

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### 2 - Geospatial Technologies Applied to the Humanities

10:15-11:30 | Thursday, 24 September 2026

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Vítor Ribeiro**

AUTOMATED EXTRACTION OF SPATIAL INFORMATION FROM COLD WAR OPERATIONAL DOCUMENTS USING LARGE LANGUAGE MODELS

**Mads V. Perner**; Stig R. Svenningsen; Steen Andersen; Anna Werenberg

RE-INHABITING A ROMAN SPACE: AUGMENTED REALITY AND DIGITAL TWINS FOR EXPERIENCING ARCHAEOLOGICAL HERITAGE

**María Gabriela Moreno**; António Medeiros; Márcia Vilarigues; Nuno Correia

MAPPING THE LANGUAGES IN KRĀSLAVA (LATVIA) ACCORDING TO 1935 CENSUS DATA

**Melchior Jakubowski**

Session and Room Staff: Rúben and Leonardo

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### 3 - Geospatial Technologies Applied to the Humanities

10:15-11:30 | Thursday, 24 September 2026

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Daniel Alves**

BUILDING BACKSTORIES FOR BRITAIN'S CONSTITUENCIES WITH GIS

**Paula Aucott**; Humphrey Southall; Oliver Heath; Chris Prosser

ASSESSMENT AND IMPACT OF A NATIONAL HISTORICAL-GIS PROJECT: THE ATLAS, HISTORICAL CARTOGRAPHY BETWEEN 1993 AND 2025

**Daniel Alves**

MODELING PLACE BEYOND POINTS: REFLECTIONS FROM THE WORLD HISTORICAL GAZETTEER ON SCALE, AMBIGUITY, AND HUMAN EXPERIENCE

**Ruth Mostern, Palak Vashist, Alexandra Straub, Stephen Gadd**

Session and Room Staff: Inácio and Sara

## COFFEE-BREAK

**11:30-12:00 | Thursday, 24 September 2026**

**Venue:** Building 15, Institute of Social Sciences (Hall)

## PLENARY SESSION I

**12:00-13:00 | Thursday, 24 September 2026 Room:**

**Building 13 – Institute of Education multimedia Auditorium (room 0.28, floor 0)**

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### Keynote Speech



*What Do We Want to Say? To Whom? And How?"*

#### **Anne Knowles**

Anne Kelly Knowles is an historical geographer from the University of Maine (USA). Co-founder of Holocaust Geographies Collaborative her main research interests are Historical Geography, Historical GIS, Geovisualization, and Digital Humanities. Also, the Holocaust Nineteenth-century United States and the intersections of economy, technology, and culture and their expression in the landscape.

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#### **Chair: Paula Remoaldo**

Session and Room Staff: Rúben, Sara and Inácio

## LUNCH BREAK

**13:00-14:00 | Thursday, 24 September 2026**

**Venue:** Building 11, Grill Restaurant

## Poster Exhibition

**14:00-14:30 | Thursday, 24 September 2026**

Building 15 - Institute of Social Sciences - Hall

## PARALLEL SESSIONS

**14:30-15:45 | Thursday, 24 September 2026**

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### 4 - Spatialized Narratives, Mobility, and Networks

**14:30-15:45 | Thursday, 24 September 2026**

Building 15 - Institute of Social Sciences (room 0.02, floor 0)

**Chair: Greta Hawes**

DEEP MAPPING PLANTS IN THE CITY: A CASE STUDY

**Noel Castro-Fernández**

MAPPING DETACHMENT: GEOLOCATIONS IN PANDEMIC DIARIES

**Haralds Matulis**; Ilze Ļaksa-Timinska; Viesturs Vēveris

MAPPING SPACE AND TIME IN THE GREEK MYTHIC STORYWORLD

**Greta Hawes**; Cian Colgan; **Chiara Palladino**; Scott Smith;

Session and Room Staff: Virginia and Cátia

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### 5 - Spatialized Narratives, Mobility, and Networks

**14:30-15:45 | Thursday, 24 September 2026**

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Jackie Olson**

THE ANATOMY OF DIGITAL HAUNTING: EXTRACTING THE UNIVERSAL MECHANISM OF FEAR FROM A CASE STUDY OF NORTHEAST CHINA'S DREAMCORE

**Wanshu Zhang**; Mingyi Liao; Yining Wang

DEPTH IN THE SILENCE: THE NON-SEMANTIC TEXT IN HOLOCAUST SURVIVOR INTERVIEWS

**Jackie Olson**; Tim Cole; Erik Steiner

SPATIAL AND SOCIAL CONSEQUENCES OF POND BREAKS IN EARLY MODERN BOHEMIA

**Michal Vokurka**

Session and Room Staff: Leonardo and Rúben

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### 6 - Spatialized Narratives, Mobility, and Networks

**14:30-15:45 | Thursday, 24 September 2026**

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Filipe Brandão**

USING AI AND QUALITATIVE SPATIAL REPRESENTATION (QSR) TO UNDERSTAND THE PERCEPTION OF GEOGRAPHIES IN TEXTS: PICTURESQUE AND WILD LANDSCAPES IN THE ENGLISH LAKE DISTRICT

**Ian Gregory**; Ignatius Ezeani; Erum Haris; Joanna Taylor

COMPARATIVE ANALYSIS OF NEURAL METHODS FOR CULTURAL ASSETS REPRESENTATION

**Filipe Brandão**; Paulo Bernardes

DEEP MAPPING IRELAND'S PLACES WITHIN AN OBJECT-RELATIONAL DATABASE

**Humphrey Southall**; Paula Aucott

Session and Room Staff: Inácio and Sara

## PARALLEL SESSIONS

**16:00 - 17:15 | Thursday, 24 September 2026**

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### 7 - Spatialized Narratives, Mobility, and Networks

**16:00 - 17:15 | Thursday, 24 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**Chair: Hélder Lopes**

SHAPING THE COLONIAL PORT CITIES: TRADE NETWORK AND SPATIAL STRUCTURE IN THE PRE-COLONIAL ERA

**Chaoqun Wang;** Jie He

SPATIAL NARRATIVES OF FRONTIER MEMORY: A DIGITAL HUMANITIES RECONSTRUCTION OF XINJIANG RECLAMATION MOBILITY (1949–1965)

**Yu Baoyuan;** Jie He

LINKING NARRATIVE TO NETWORK: SPATIALIZING FINANCIAL TRUST AND CAPITAL FLOWS OF THE CHAOSHAN CHINESE DIASPORA VIA QIAOPI DOCUMENTS

**Shao Tong;** Jie He

Session and Room Staff: Virginia and Ângela

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### 8 - Geospatial Technologies Applied to the Humanities

**16:00 - 17:15 | Thursday, 24 September 2026**

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Filipe Brandão**

INTERPRETING PLACE THROUGH DEEP MAPPING: SPATIO-TEMPORAL NARRATIVES OF AUREL STEIN'S CENTRAL ASIAN ARCHAEOLOGICAL EXPEDITION TEXTS

**Tong Liu;** Linru Xu; Jie He

PARTICIPATORY MAPPING OF ART DECO ARCHITECTURE THROUGH AI-GENERATED PODCAST

**Cristina Goldschmidt;** Robert, G Harland

DEVELOPING A DEEP MAP IN A HISTORICALLY DENSE LANDSCAPE: THE SPATIAL HISTORY OF CHARLESTON, SOUTH CAROLINA

**Douglas Rivet;** James Newhard; Danielle Cox; Jennifer Comer; Laurel Fay; R. Grant Gilmore; Madison Lee; Jennifer Randall; Chloe Stuber

Session and Room Staff: Leonardo and Rúben

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### 9 - History and Study of Social Phenomena

**16:00 - 17:15 | Thursday, 24 September 2026**

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Joana Sequeira**

MAPPING MULTILEVEL HISTORICAL BORDERS IN CENTRAL EUROPE: ETHNICITY, CONFESSION, AND STATE ADMINISTRATION IN LONG-TERM PERSPECTIVE (1880–1930)

**Jitka Močíčková;** Petra Justová

DECIPHERING CARTOGRAPHIC REPRESENTATIONS OF THE DESTRUCTION OF NUREMBERG (NÜRNBERG) DURING AND AFTER THE SECOND WORLD WAR (WWII)

**Seraphim Alvanides;** Carmen Maria Enss; Klaus Stein

MEDIEVAL LANDSCAPES, GIS AND SETTLEMENT DYNAMICS ON THE OUTSKIRTS OF BRAGA

**Francisco Andrade**

Session and Room Staff: Inácio and Sara

## COFFEE BREAK

**17:15-17:30 | Thursday, 24 September 2026 Venue:**

Building 15, Institute of Social Sciences (Hall)

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## PARALLEL SESSIONS

**17:15 - 19:00 | Thursday, 24 September 2026**

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### 10 - Spatialized Narratives, Mobility, and Networks

**17:30 - 19:00 | Thursday, 24 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**Chair: Hélder Lopes**

PROPERTY EXPROPRIATION AND ITS ARCHITECTURES: A STUDY IN SPATIAL HUMANITIES ON THE LAND REGIME IN PALESTINE/ISRAEL

**Elad Horn**

SPATIAL HUMANITIES OF CONSTRUCTION: ML DERIVED BUILDING LIFECYCLES FROM MUNICIPAL RECORDS

**Elad Horn;** Elad Granot; Or Aleksandrowicz

HISTORICISING URBAN HEAT: URBAN SHADE MAPS FOR EXCAVATING THE CLIMATIC LEGACY OF PLANNING

**Or Aleksandrowicz**

CASTING, MELTING, GRINDING: A SPATIAL GENEALOGY OF ISRAEL'S BUILDING-MATERIALS INDUSTRY, 1923 - 1967

**Hadar Porat;** Or Aleksandrowicz

Mapping a Threshold City Critical GIS and Historical Mapping of al-Bassa's Urban Transformation

**Samadar Aukal**

Session and Room Staff: Virginia and Ângela

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### 11 - Spatialized Narratives, Mobility, and Networks

**17:30 - 19:00 | Thursday, 24 September 2026**

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Paula Remoaldo**

ANALYSIS OF THE CENTRAL PORTUGUESE WAY OF ST. JAMES USING GEOTECHNOLOGIES FROM THE WIKILOC TOOL

**Leida Costa;** Paula Remoaldo; Hélder Lopes

THE PILGRIMAGE IN A RELÍQUIA BY EÇA DE QUEIROZ: A STORY MAP ANALYSIS

**Giorgia Bressan**

RECONSTRUCTING DEPORTATION TRAJECTORIES THROUGH TRAIN NARRATIVES IN THE ISRAELKORPUS

**Mariella Rivelli**

THE THIRD DIMENSION OF THE 1830 HABSBURG CADASTRAL MAP OF TROGIR AND THE MEDIEVAL ORIGINS OF THE PRIVATE PROPERTY DISTRIBUTION WITHIN A CITY BLOCK

**Ana Plosnić Škarić\***

Mapping Istanbul's Urban Metabolism: Interactive Visualizations of Metabolic Flows

**ESRA Sert\***

Session and Room Staff: Leonardo and Rúben

## 12 - Urban Space and Mobility

**17:30 - 19:00 | Thursday, 24 September 2026**

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Vítor Ribeiro**

ACTIVE AND INDEPENDENT SCHOOL MOBILITY: CHILDREN'S USE AND EXPERIENCES IN THE CITY OF BRAGA, PORTUGAL

**João Monteiro**; Vítor Ribeiro; Ana Francisca, Miguel Bandeira

SPATIAL METHODS TO ANALYSE THE CHALLENGES FACED BY INDIVIDUALS WITH PHYSICAL DISABILITIES IN THE URBAN AREA OF BARCELOS

**Miguel Afonso Martins**; Paula Remoaldo; Hélder Lopes

UTOPIC VERSUS DYSTOPIC CITY: AN ANALYSIS BASED ON VERTICAL MOBILITY

**Iuria Betco**; Cláudia M. Viana; Jorge Rocha

Mapping a Threshold City

MAPPING ANTIQUITY: LOCAL PERCEPTION OF ANCIENT LEGACIES IN THE RELACIONES TOPOGRÁFICAS DE FELIPE II

**Nadezda Konyushikhina**

HGIS FOR EXAMINING EVOLUTION OF MARKED HIKING TRAILS: ISRAEL, 1950'S – 1995

**Aviv Oppenheim**; Assaf Selzer; Motti Zohar

CONSISTENCY AND CHANGE: THE SHAPE AND USES OF LISBON'S CITY MARGINS

**João Paulo da Costa Amado\***

Session and Room Staff: Inácio and Sara

## OFFICIAL DINNER

**20:00-23:00 | Thursday, 24 September 2026**

**Venue:** Panoramic Restaurant

**Address:** Campus de Gualtar, University of Minho, Braga, Portugal



### Menu

**Soup:** Asparagus cream soup

**Hot Dishes:** “Lagareiro” Cod And Roast turkey with potatoes and vegetables

**Desserts:** Sliced Fruit And Tiramisu

**Music:** Traditional Portuguese instrument called “viola braguesa” or “viola de Braga”, typical of the Portuguese Minho region.

**Friday, 25 September 2026**

**Venue: Campus de Gualtar, Braga, University of Minho**

## Registration

### 8:30-9:30 Building 16 - Engineering School - Hall

Session and Room Staff: Ângela, Cláudia and Diana

## PARALLEL SESSIONS

### 9:00 - 10:15 | Friday 25 September 2026

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#### 13 – Posters Presentation

### 9:00 - 10:15 | Friday 25 September 2026

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**Chair: Alexandra Esteves, Filipe Brandão and Carmen Ess**

MOVING GIS TO ANIMAL WELFARE MANAGEMENT

**Daniela Cardoso;** Sara Cunha; Vítor Ribeiro

ONLINE GIS TOOLS TO CREATE A MORE EFFICIENT TOOL TO LEAD WITH VESPA VELUTINAEXPLORING

**Beatriz Moreira;** Vítor Ribeiro

DECIPHERING THE URBAN LANDSCAPE OF EARLY 15TH-CENTURY PRAGUE

**Petra Justová;** Jitka Močíčková

SOCIAL EXCLUSION AND GIS-T: THE CASE OF GUIMARÃES MUNICIPALITY

**Gonçalo Cunha;** Vítor Ribeiro

DIGITAL HUMANITIES, GEOGRAPHY AND SUSTAINABILITY: A SYSTEMATIC REVIEW OF RESEARCH TRENDS, METHODS AND DATA

**Cláudia M. Viana**

INTERPRETING URBAN LANDSCAPES THROUGH GIS: A SPATIAL ANALYSIS OF INDUSTRIAL LAND USE

**Ferim Gashi; Edon Shemsedini, Shkumbin Lushaj**

DIGITAL COMMUNICATION OF CREATIVE EXPERIENCES DEVELOPED IN A UNESCO CREATIVE CITY

**Cátia Faria;** Paula Remoaldo; Juliana Alves; Hélder Lopes

RECONSTRUCTING COLONIAL LAND USE IN SRI LANKA

**Linu Danielkutty; Brian Dermody, Kees Klein Goldewijk and Stefan Dekker**

Session and Room Staff: Cátia and Virginia

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#### 14 - Spatialized Narratives, Mobility, and Networks

### 9:00 - 10:15 | Friday 25 September 2026

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Douglas Rivet**

THE PROJECT "MINORS ON THE MOVE: MAPPING FORCED MIGRATION FROM NAZISM AND ITS TESTIMONIES"

Vincenzo Amendolara; Chiara Arnone; Barbara Häußinger; Simona Leonardi; Rita Luppi; Ramona Pellegrino; **Mariella Rivelli;** Martin Ruskov; Eva-Maria Thüne; Salvatore Varriale

SPURRING SPATIAL KNOWLEDGE: VISUALIZING, ENRICHING AND INTEGRATING PLACE-BASED KNOWLEDGE IN THE VOC ARCHIVES

**Leon Van Wissen; Jona Schlegel;** Manjusha Kuruppath

ARTIFICIAL INTELLIGENCE AND ELECTORAL DISTRICTING IN PORTUGAL: SPATIAL APPROACHES TO REPRESENTATION, TERRITORIAL JUSTICE, AND DEMOCRATIC REFORM

**Jorge Garrido**

Session and Room Staff: Rúben and Leonardo

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## 15 - History and Study of Social Phenomena

**9:00 - 10:15 | Friday 25 September 2026**

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Ruth Mostern**

MAPPING INVISIBLE NETWORKS: DIGITAL ARCHAEOLOGY AND SPATIAL ANALYSIS OF BRAZILIAN WOMEN SCIENTISTS' INTERNATIONAL CIRCULATION (1950-1970)

**Daiane Rossi**

CARTOGRAPHIES OF MEMORY: APPROPRIATION OF EARLY MODERN URBAN SPACE IN A FEMINIST PERSPECTIVE (LISBON, 17TH CENTURY)

**Ana Sofia Ribeiro**; Mariana Maria do Meneses Muñoz

LOW-COST DIGITAL HERITAGE: A GOOGLE MY MAPS APPROACH TO PORTO'S IRON FOUNDRY HISTORY 1880-1980

**Diana Felícia**

Session and Room Staff: Sara and Inácio

## PARALLEL SESSIONS

**10:15 - 11:30 | Friday 25 September 2026**

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### 16 - Heritage and Spatial History

**10:15 - 11:30 | Friday 25 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**Chair: Seraphim Alvanides**

TOO BIG TO IGNORE: UAV, GIS, AND PREVENTIVE ARCHAEOLOGY OF SALENTO'S SPECCHIE

**Raffaele Rizzo\***

COUNTER-CARTOGRAPHIES OF THE PAULICEIA: DEEP AND COMMUNITY-BASED MAPPING OF THE HISTORY OF SÃO PAULO

**Luis Ferla**; Raony Almeida; Larissa Arruda; Andrew Britt; Tamires Camargo; Duarte, Mauricio Duarte; Jeffrey Lesser; Daniela Musa; Luanna Nascimento; Rayza Paiva; Fabiana Pinotti; Vanessa Rodrigues; Tiago Salgado; Beatriz Santos; Laura Santos; Monaliza Santos; Gabriela Silva; Raphael Silva; Nandamudi Vijaykumar

MAPPING THE "ILLEGAL CITY": METHODOLOGICAL STRATEGIES FOR OVERCOMING SPATIAL INVISIBILITY IN HISTORICAL GIS (SÃO PAULO, 1920-1940)

**Raony Augusto de Almeida**

Session and Room Staff: Cátia and Virgínia

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### 17 - Education, Digital Literacy, and Scientific Dissemination

**10:15 - 11:30 | Friday 25 September 2026**

Building 16 - Engineering School - Pedagogical Amphitheatre (room 0.55, floor 0)

**Chair: Joana Sequeira**

ENHANCING SPATIAL-TEMPORAL REPRESENTATION AND KNOWLEDGE IN THE ARCHITECTURE CURRICULUM

**Patricia Ferreira-Lopes\***; Jorge Moya-Muñoz

USING AI SERVICES TO CREATE SHORT VIDEOS FROM HISTORICAL SPORTS PHOTOS

**João M. Fernandes**; Vasco Rito; Gonçalo Fernandes

THE STORY MAP IN THE TRAINING PATH OF TEACHERS OF THE 1ST AND 2ND CYCLES OF BASIC EDUCATION

**Isilda Monteiro**; Margarida Quinta e Costa; Vítor Ribeiro

Session and Room Staff: Rúben and Leonardo

## 18 - Geospatial Technologies Applied to the Humanities

**10:15 - 11:30 | Friday 25 September 2026**

Building 13 – Institute of Education - Multimedia Auditorium (room 0.28, floor 0)

**Chair: Paula Accott**

ARTIFICIAL INTELLIGENCE MEETS HISTORICAL CARTOGRAPHY: MODELLING URBAN BLUE-GREEN INFRASTRUCTURE FOR CLIMATE ADAPTATION

**Bárbara Polo-Martín**; Ana Luna-San Eugenio; Concepción Camarero-Bullón

From Historical Maps to 3D Models: Leveraging Digital and Geospatial Tools with Elevation Data

**Diego Siqueira**; Jeremy Bottmeyer

RADICAL COUNTER-POLICY: ROOTS OF PARTICIPATION IN NATIONAL FILM BOARD INTERACTIVE CINEMA

**John Bessai\***

Session and Room Staff: Sara and Inácio

## COFFEE-BREAK

**11:30-12:00 | Thursday, 24 September 2026**

## PLENARY SESSION II

**12:00-13:00 | Friday, 25 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)



### Keynote Speech

*From Coordinates to Context: Rethinking Spatial Humanities in the Age of Large Language Models*

#### Ignatius Ezeani

Ignatius is a Research Fellow at the School of Computing and Communications, Lancaster University (UK) and a visiting Senior Lecturer at Nnamdi Azikiwe University (Nigeria). His main research interests are on the efficient adaptation of existing natural language processing tools and techniques to deal with the challenges of integrating the majority of the low-resource languages in a globalized world for task-oriented systems.

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#### Chair: Daniel Alves

Session and Room Staff: Sara, Cátia, Virginia, Leonardo, Rúben and Inácio

**13:00-13:30 | Friday, 25 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

**CLOSING SESSION and Cocktail Hour:** Portuguese wine experience

## **LUNCH BREAK**

**13:30-14:30 | Friday 25 September 2026 Venue:**

Building 11, Grill Restaurant

## Workshop 2.2

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**14:30 - 17:00 | Friday 25 September 2026**

Building 15 - Institute of Social Sciences - Sala de Atos (room 0.02, floor 0)

Building on insights generated during the first session, a follow-up, will focus on developing a shared conceptual framework for modeling and visualizing regions and neighborhoods that are consistent with existing standards and best practices while attending to the particular requirements of regions and neighborhoods. Participants will work collaboratively to identify core concepts, relationships, and vocabularies that could support ontologies and standards. The goals of this session are to:

- Develop a shared vocabulary for describing uncertainty, scale, evidence, provenance, and interpretation for regions and neighborhoods across diverse forms of digital place-based research.
- Identify the concepts, relationships, and metadata requirements needed to support a cross-disciplinary ontology for regions and neighborhoods that is well aligned with historical research and human geography concepts.
- Consider the implications for projects involving colonial, contested, Indigenous, and community-based place histories, where representational decisions have significant interpretive consequences.
- Evaluate interface and visualization strategies for communicating context and limitations to users, including confidence indicators, provenance trails, fuzzy boundaries, layered visualizations, distinguishing between computational uncertainty arising from the approximation of otherwise well-defined geometries and cultural forms of fuzziness.
- Sketch the foundations of a shared ontology that supports transparent, context-aware, and ethically grounded digital representations of region and neighborhood.