



Bayeux Tapestry (XIth c.), scene XXXIII, Centre Guillaume-le-Conquérant, Bayeux.

**IRCVM**, the Research Institute for Medieval Cultures of the University of Barcelona, organises its second congress entitled *Digitizing the Middle Ages*. This congress will be held at the faculties of Philology and Geography & History of the University of Barcelona from 5<sup>th</sup> to 7<sup>th</sup> October 2021. The congress will be structured in five sessions:

**SESSION 1:** From *Spatial Turn* to *Deep Mapping*: the value of territorialisation

**SESSION 2:** The challenge of third dimension: research and research dissemination

**SESSION 3:** From document to *Data Mining*: data management and research

**SESSION 4:** Gamification as a research dissemination and learning tool

**SESSION 5:** Social networks in research, research dissemination and teaching

Researchers wishing to contribute with a paper can send their proposal (maximum 1,000 characters) to [congres.ircvm@ub.edu](mailto:congres.ircvm@ub.edu) until **28<sup>th</sup> February 2021** indicating the session concerned. A selection of communications will be published in a peer-reviewed volume.

All correspondence concerning the congress should be addressed to [congres.ircvm@ub.edu](mailto:congres.ircvm@ub.edu)

### **DIGITIZING THE MIDDLE AGES**

Digital tools have become essential for research in humanities: databases, digitization, historical mapping with georeferencing systems (GIS) or virtual recreation of spaces are just a few examples of the wide range of possibilities now available to our research. This scenario exponentially multiplies the possibilities of research, transfer and dissemination; however, from a humanistic perspective, it also requires epistemological reflection. The purpose of the *II IRCVM International Congress* is precisely to be a space for debate on the opportunities but also on the risks and challenges posed by digital humanities when applied to the study of medieval world. Perfecting technological tools for the conservation of historical heritage only makes sense if these tools can help us understand the value of this legacy and, in addition, look at our present with a critical eye.

#### **SESSION I: From *Spatial Turn* to *Deep Mapping*: the value of territorialisation**

The so-called *Spatial Turn* has awakened interest in territory and landscape, conceived as the physical and dynamic basis on which historical events occur. The availability of digital cartography and its ability to integrate complexity has become a useful tool to medievalists. On the other hand, the generalization of GIS tools and the new techniques of three-dimensional and algorithmic analysis have led to some results that go beyond the simple cartographic representation, turning territory into a real source for historical research.

#### **SESSION 2: The challenge of third dimension: research and research dissemination**

The emergence of tools that make possible a 3D representation of historical and archaeological artifacts and structures has been a turning point in historical research, not only as an asset in disseminating research results, but also as a research tool themselves. The new and wide availability of software that makes possible the creation of three-dimensional objects, as well as the emergence of increasingly accurate 3D printers make the third dimension a necessary challenge for research on the medieval world.

### **SESSION 3: From document to *Data Mining*: data management and research**

Traditionally, historical research had been limited to a set of written documents in accordance with the work capacity of each researcher. Today this is not so anymore, as the automated techniques of text reading and the powerful labeling systems linked to data science have overcome the traditional setting. Through data mining, we are nowadays able to analyze huge volumes of information and extract results that traditional research would never have imagined.

### **SESSION 4: Gamification as a research dissemination and learning tool**

Playing has always been a great way to learn, from children playing symbolic game to adults with board games, jigsaws or solitaire. Digital tools give us the opportunity to develop more complex games where we can simulate situations in the present, recreate realities of the past or invent those of the future. Since medieval topics have a great appeal to all types of audiences, we have a great opportunity to turn games into a teaching tool and into a dissemination tool of infinite possibilities.

### **SESSION 5: Social networks in research, research dissemination and teaching**

Social networks are a powerful tool to publicize our activities, both individual and collective. What is published on social networks is at the same time ephemeral and volatile while also leaving an indelible print. Being absent from networks can make people and projects invisible, while over-presence ends up tiring the audience. Not any network is going to fulfill the publisher's expectations: you need to choose the networks that will reach the targeted audience. Good network management is key to disseminating our research.

#### **Scientific committee**

Thomas Aigner (ICARUS, St. Pölten Diocesan Archives)

Gemma Avenozà (IRCVN, Universitat de Barcelona)

Lola Badia (IRCVN, Universitat de Barcelona)

Giulia Bordi (Università degli Studi Roma Tre)

Maria João Branco (IEM, Universidade Nova de Lisboa)

Juan F. Castro (Incipit, CSIC)

Lluís Cifuentes (IRCVN, Universitat de Barcelona)

Gemma Colesanti (CNR, Nápoles)

Blanca Garí (IRCVN, Universitat de Barcelona)

Josep Lladós (CVC, Universitat Autònoma de Barcelona)

José M. Lucía Megías (Universidad Complutense de Madrid)

Carles Mancho (IRCVM, Universitat de Barcelona)

Salvatore Marino (IRCVM, Universitat de Barcelona)

Victor Millet (Universidade de Santiago de Compostela)

Daniel Piñol (IRCVM, Universitat de Barcelona)

Mercè Puig (IRCVM, Universitat de Barcelona)

### Organizing committee

Presidenta: Meritxell Simó (IRCVM, Universitat de Barcelona)

M. Reina Bastardas (IRCVM, Universitat de Barcelona)

Meritxell Blasco (IRCVM, Universitat de Barcelona)

Antoni Conejo (IRCVM, Universitat de Barcelona)

Xavier Costa (IRCVM, Universitat de Barcelona)

Joan Dalmasas (IRCVM, Universitat de Barcelona)

Marta Sancho (IRCVM, Universitat de Barcelona)

Maria Soler (IRCVM, Universitat de Barcelona)

### Prices

Inscription fee: 90 euros

Students, unemployed and retirees: 45 euros

Members of the IRCVM and ARDIT: 20 euros



UNIVERSITAT DE  
BARCELONA



Institut de Recerca en  
Cultures Medievales  
UNIVERSITAT DE BARCELONA

