

# NEW METROPOLITAN PERSPECTIVES 2018

THEMATIC SESSIONS - TS

## TS-05

### HERITAGE AND ICT. INNOVATIVE APPLIED PRACTICES FOR LOCAL SUSTAINABLE DEVELOPMENT

*Keywords: Heritage; ICT; Innovation; Sustainable Development; Heritage Labs.*

One of the main conclusion of the report "Getting cultural heritage to work for Europe" which was handed over to Carlos Moedas, European Commissioner for Research, Science and Innovation, was the recognition of cultural heritage as an investment opportunity, based on research and innovation. As a matter of fact, in 2016-17 over € 100 million for research and innovation in the field of cultural heritage are available under Horizon 2020. Cultural heritage is not limited to monuments and collections of objects, but it also includes traditions or living expressions inherited from our ancestors and transmitted to our descendants, such as oral traditions, performing arts, social customs, rituals, festive events, knowledge and practices, knowledge and techniques linked to traditional crafts. Both tangible and intangible assets that make up the cultural heritage cannot be considered as museum objects isolated from land use planning considerations. Nor can they be separated from development activities or isolated from social changes, or ignore the concerns of communities. Therefore, the relationship between heritage and their surroundings has become important, together with the participation socio-economic agents involved in the design and implementation of management strategies. In this sense, ICT are becoming useful supports to study, manage and preserve these cultural assets. Their growing use can make them successful key-factors of the future. Considering that Horizon 2020 will support the development of multinational, transdisciplinary demonstration projects that explore the potential of cultural heritage for regeneration in Europe, the session pretends to be an occasion to reflect and debate upon projects and researches regarding the use and the potentialities of the ICT to enhance tangible and intangible Heritage. The general aims of the session are: 1. To improve the understanding of the dynamics, benefits, social and economic values of Heritage as a factor attracting innovation towards territory; 2. To provide an insight in the potentialities and usefulness of ICT applied to Heritage management; 3. To provide policymakers with possible solutions for heritage management as driver for local and sustainable management; 4. To foster a scientific debate on sustainability of research projects combining ICT and Heritage protection. It is an integrated interdisciplinary session, gathering researches and practices deriving from different disciplines and approaches. Proposals may address these topics from multiple perspectives, including basic research, integrated assessment approaches and policy evaluations. They may draw from specialized fields within geographic, economic, historic, social and political sciences combined with technology. Because of this, the session welcomes proposals concerning innovative practices aimed at the construction of a territorial management strategy based on the ICT as vehicles contributing to investigate and manage the patrimonial resources. The proposals might be submitted by different kind of participants: stakeholders, such as policy makers (local and regional authorities), agents responsible for destination planning, cultural heritage professionals and researchers. Consequently, the session might be organized as a large-scale ,heritage lab', during which reflect on the present and cooperate to the vision of the future.

#### CHAIRS

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