

## Call for Papers

### Special Session: Tangible and Intangible Cultural Heritage digitization and preservation in modern era (TICHE-DiPre)

#### Overview

Intangible Cultural Heritage (ICH) content describes the practices, representations, expressions, knowledge, skills – as well as the instruments, objects, artefacts, and cultural spaces associated therewith.

Although, ICH content is commonly deemed worthy of preservation, by UNESCO and the EU Treaty, most of the current research efforts are on the focus is on tangible cultural assets, while the ICH content has been overlooked. The primary difficulty stems by the complex structure of ICH, its dynamic nature, the interaction among the objects and the environment, as well as emotional elements (e.g., the way of expression and dancers' style).

TICHE-DiPre focus on affordable digitization, modelling, archiving, e-preservation and presentation of ICH content, in a wide range of users. The research topics target at integrating the latest innovative results of photogrammetry, computer vision, semantic technologies, time evolved modeling, combined with the story telling and folklore choreography

#### Topics

- Digitization of tangible and/or intangible content in cost effective way, including metadata
- Machine learning for object identification, surface matching, and action recognition
- Summarization techniques for representative sample selection or choreography identification
- Fusion algorithms for multimodal utilization of digital media
- Deep learning for: (i) detecting crowd flows and behaviors in CH cites, (ii) identifying dances or other complex moving patterns
- 4D modeling or spatial and temporal analysis for the estimating deterioration of an artifact or the change in texture for a surface.
- Virtual/augmented reality applications including virtual tours, storytelling, and interactive environments

#### Contribution Types

Proposals for participation in the Special Session can be submitted in the following formats:

- Full Paper (10-12 pages)
- Short Paper (8-10 pages)

#### Important Dates

01 Jun 2018	Submission of complete papers
22 Jun 2018	Notification of Acceptance
20 Jul 2018	Author Registration Deadline
20 Jul 2018	Camera-ready due
25 Sep 2018	Conference Opening

## Submission

Please visit: <https://www.conftool.com/icl-conference/> and submit your paper as in the special session “**Tangible and Intangible Cultural Heritage digitization and preservation in modern era (TICHE-DiPre)**”.

Please find more instructions [here](#).

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