

CALL FOR EXPERTS

PhD Technology Driven Sciences: Technologies for Cultural Heritage (Tech4Culture)

H2020-MSCA-COFUND

FIRST CALL FOR APPLICATIONS

12 March – 26 March 2018

Are you a researcher, a professor or an expert in the field of technologies applied to Cultural Heritage?

We are looking for experts in Basic and Natural Sciences, Environmental Sciences, Digital Sciences and Physical Sciences domains to assess applications to Tech4Culture PhD Programme.

If you are interested in becoming a member of our Scientific Selection Committee, contact us!

What is Tech4Culture?

Tech4Culture is a new interdisciplinary and intersectoral **PhD programme** of the **University of Torino** funded by H2020-MSCA-COFUND scheme and by the banking foundation Compagnia di San Paolo.

Tech4culture aims at building up the next generation of Cultural Heritage professionals able to develop technological solutions and services for the restoration, the protection, the diagnostics and the valorisation of cultural heritage in academia and in non-academic fields.

The project will assign 18 fellowships to incoming mobility early stage researchers through 2 calls for applications.

The University of Torino has now open the First Call for Applications, which will assign up to 10 fellowships.

All information is available at the project website: tech4culture.unito.it

What are we looking for?

We are now looking for experts in order to form the Scientific Selection Committee that will evaluate and select applications for Tech4Culture First Call for Applications.

Researchers and experts in the academic and non-academic fields of any nationality are welcome to express their interest in being a member of our Scientific Selection Committee.

The Scientific Selection Committee will work in 4 panels of at least 4 members selected through this call and one member of the University of Torino. For each panel one member will be appointed as Chair.

Experts in the Scientific Selection Committee will assess applications during two steps:

- 1) **Scientific Evaluation** (based on applications submitted: CV, Research Proposal, Letters of Reference, etc.).
The Scientific Evaluation will take place **from Mid May 2018 to Mid-June 2018**.
Experts will evaluate applications from remote.

- 2) **Interviews**. They will take place in **2 days** in the **second week of July**.
Experts interviewing applicants will be ask to come to Torino.

A fee and a refund of travel expenses will be offered to experts.

I want to be your Expert! What should I do?

Send us an email (at tech4culture@unito.it) with:

- 1) Your expression of interest. Be sure to indicate which **Panel** you want to be an expert on.
The 4 Panels are:
 - **BASIC AND NATURAL SCIENCES**
 - **ENVIRONMENTAL SCIENCES**
 - **DIGITAL SCIENCES**
 - **PHYSICAL SCIENCES**

Please consult the list of Panels and Research Areas part of this Call: select your panel and indicate also the related Research Area(s) you are an expert in.

- 2) Your **Curriculum Vitae**

We will collect expressions of interests **until March 26, 2018**.

The Scientific Board of Tech4Culture PhD Programme will select the experts who will be members of the Scientific Selection Committee: we will let you know if you have been selected by Mid-April 2018.

For any question, contact us at:

tech4culture@unito.it

LIST OF PANELS AND RELATED RESEARCH AREAS

PANEL BASIC AND NATURAL SCIENCES:

Research Area 1: Biodeterioration of Cultural Heritage: prevention and remediation approaches

Research Area 2: Investigation techniques for film base photographic materials

Research Area 3: New approaches to the analysis of materials in the Cultural Heritage domain

Research Area 4: Innovative characterization methods and experimentation of artefacts' production

Research Area 5: New sustainable solutions in terms of methodologies and materials for Cultural Heritage conservation

PANEL DIGITAL SCIENCES:

Research Area 1: Innovative interfaces and interaction for the communication, promotion, and dissemination of Cultural Heritage

Research Area 2: 3D/4D modeling, virtual, augmented, and immersive realities for Cultural Heritage and exhibitions

Research Area 3: Knowledge management, metadata, and catalogation for Cultural Heritage

Research Area 4: Digitization and algorithmic techniques for the analysis of Cultural Heritage

Research Area 5: Digital design and tools for documentation, maintenance, preservation, and protection of Cultural Heritage

PANEL ENVIRONMENTAL SCIENCES:

Research Area 1: Protection and conservation of art in public spaces

Research Area 2: Methods and technologies for endangered Cultural Heritage

Research Area 3: Preventive conservation and techniques for monitoring environmental conditions

Research Area 4: Assessment of diversities for Cultural Heritage enhancement and Geoheritage conservation

Research Area 5: New methods for promoting the inclusion of local stakeholders in Cultural Heritage preservation

PANEL PHYSICAL SCIENCES:

Research Area 1: Provenance and production techniques of archaeological materials and artworks

Research Area 2: Development and application of instrumentation for the non-invasive analysis of Cultural Heritage

Research Area 3: Innovative use and development of large-scale facilities techniques and methods for Cultural Heritage materials

Research Area 4: Mapping and dating Earth's landforms and materials

Research Area 5: Development and characterization of innovative materials related to Cultural Heritage