

## Workshop on Digital Heritage (WDH'18)

IIIT Hyderabad, Hyderabad

WDH'18 is a satellite workshop of ICVGIP 2018

Date 18.12.2018

### **Overview and objective**

Globally efforts are being made by societies to preserve their heritage and culture, so that it can be transferred to future generation effortlessly. The diverse facets of heritage attract multi/interdisciplinary investigations. This made Digital Heritage a fertile ground for methodological exploration. Rapid, cultural, political and technological change continuously reshapes our understanding of Heritage. Hence it is necessary to critically reflect on how we capture and research cultural heritage and how it can be digitally reconstructed with authenticity.

This workshop is going to be organized with an aim to provide a common platform for curators of heritage sites, scholars, researchers and professionals to deliberate and exchange ideas to formulate and appreciate the problems and also the plausible solution technologies. We plan to arrange oral presentations by eminent scientists as well as contributory papers based on research experience. Theme of this edition of workshop is '*Archiving and Restoration*'. Main topics of interest include, but not limited to

1. Data acquisition in Cultural and Historical Landscapes and documentation technologies
2. Integration of tangible and intangible components of culture
3. Reconstruction/Recreation of Heritage through 3D Reconstruction and Image Restoration
4. Haptic rendering including sound synthesis
5. Presentation of Heritage through Augmented Reality (AR)
6. Storytelling in Virtual Reality (VR)
7. Information Access and Extension for Manuscripts
8. Analysis of architecture and sculpture of historical monuments
9. OCR of ancient manuscripts
10. Processing of stone inscription
11. Digital preservation of ecological and underwater heritage
12. Sounds-capes of Spoken Languages
13. Capacity Building
  - a. A Crowd-sourcing Platform, Big Data, Multimedia databases and digital libraries
  - b. Development of a solution for automated data clean-up and filtering
  - c. Development of Sensing and Actuation Technologies for Heritage Applications

### **Workshop format**

DH 2018 will be a 100% participation, one-day, single track workshop, featuring invited talks, oral and poster presentations.

### **Publications**

Workshop proceedings containing all contributed papers will be submitted for possible publication in digital archives of LNCS. Also, an extended version of selected papers will be published in an edited volume from Springer.

#### Submission

WDH 2018 invites previously unpublished and original work. The submissions will undergo blind review, where the referees remain anonymous for the authors throughout the process. Papers should not exceed 8 pages in the LNCS format.

#### Important dates

Full manuscript due: 5<sup>th</sup> Nov 2018

Author Notification: 20<sup>th</sup> Nov 2018

Camera ready paper: 26<sup>th</sup> Nov 2018

#### Program Co-Chairs

- **S. Indu**, Delhi Technological University, Delhi
- **Jayanta Mukhopadhyay**, Indian Institute of Technology Kharagpur

#### Program Committee

To be announced soon !!