SPECIAL SESSION & PANEL ON DIGITAL PRESERVATION AND PROCESSING TECHNOLOGY OF WRITTEN HERITAGE
in conjunction with the 3rd IEEE MNLP 2018
21-24, October 2018, Marrakech, Morocco

5th INTERNATIONAL IEEE CONGRESS
ON INFORMATION SCIENCES AND TECHNOLOGY
IEEE CiSt'18
MARRAKECH, MOROCCO, OCTOBER 21-24, 2018

CALL FOR PAPERS

Special Session & Panel on **Digital Preservation and processing technology of Written heritage** will be held within the 3rd IEEE Conference on "Machine Learning and Natural Language Processing (*IEEE MNLP'18*) on October 21st – 24th 2018 in Marrakech, Morocco.

The special session aims to serve as a valuable venue for researchers and practitioners to exchange their insights, experiences, and best practices. The session will focus on various aspects related to the preservation strategies and workflows, digital preservation frameworks, content management and automatic processing, infrastructure, systems, and tools used for handling and preserving written heritage.

Topics

We solicit submissions of original ideas and papers describing significant results and developments from both researchers and practitioners in a specific range of fields addressing the following topics:

- Handwritten text recognition (HTR), page segmentation and layout out analysis
- Document analysis, Region/Segment classification
- Manuscript's image preprocessing,
- Computer support tools for manual transcription,
- Multiview Geometry and 3D Computer Vision
- Imaging and Video Analysis and Understanding for Cultural Heritage
- Assessing impact, use and value of digital cultural resources (methodologies, approaches and issues)
- Optical character recognition (OCR), Training OCR models

Chairs

Dr. Ouafae Nahli, ILC CNR, Pisa Italy
Pr. Arsalane Zarghili, FST USMBA, Fez Morocco

Paper submission

We solicit two types of submissions: full papers (4 to 6 pages) describing original works and significant scientific results, as well as showcases(up to 2 pages) reporting ongoing research or projects achieving significant results like research prototypes, products, services or applications enhancing the everyday life of disabled learners and those around them.
Prospective authors should submit by using the online submission platform using the IEEE template.

Publication

Accepted papers will be published in the proceeding and submitted to IEEE Xplore Library, Scopus and DBLP. Furthermore, Authors of high quality papers will be invited to submit an extended version of their work for publication in a special issue/section of an international journal.

Important Dates

Paper Submission:	April 30, 2018
Acceptance Notification:	June 24, 2018
Camera-ready Submission:	July 08, 2018
Author Registration:	July 27, 2018
Conference Dates:	October 21-24, 2018

Contact information

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You can also follow us on http://www.ieee.ma/cist18/