



7th. International Symposium ISKO-Maghreb



جامعة بجاية
Tasdawit n Bgayet
Université de Béjaïa

CALL FOR PAPERS ISKO-Maghreb'2018

Knowledge Organization in the perspective of Digital Humanities: Research and Applications

November 25th. – 26th. , 2018 in Bejaïa (Algeria)

www.isko-maghreb.org & <http://isko-maghreb.loria.fr> & www.dsism.cerist.dz/isko-maghreb-18

Important Dates:

Papers due (1st. deadline):	SEPTEMBER 25th, 2018
Notification of acceptance (1st. date):	OCTOBER 25th, 2018
Final paper & Camera-ready due:	OCTOBER 30th, 2018
Registration for authors (1st. deadline):	NOVEMBER 5th, 2018
Symposium ISKO-Maghreb'2018 days:	NOVEMBER 25-26, 2018
5 Best Paper Awards:	NOVEMBER 26th, 2018

Description:

The governance of knowledge seems to be the Scientific Policy most able to creating value with regard of human and its evolution in cultures and civilizations. The duty of good governance is a consideration of the transfer of knowledge related to scientific and technological progress. Intrinsically, this process requires a system of knowledge organization and its management by implementing knowledge production and its influence in society.

In the present case, rely across all paradigms, know-how and specific knowledge to scientific disciplines and especially those in Humanities and Social Sciences, allows finding a dynamic of Knowledge Organization for dissemination, sharing and enhancement of knowledge. This new transdisciplinary orientation allows including concepts, tools and singular perspectives in the digital field and information technology.

With this new focus on the Knowledge Organization from the perspective of "Digital Humanities", the objective of the ISKO-Maghreb Chapter is to contribute in understanding the factors that organize knowledge and phenomena that affect the information society. Actions to be undertaken by the ISKO society must take into account socio-cultural, cognitive and economic in the strategic management of knowledge. Towards the knowledge society in line with the Digital Humanities, it should be seen in its dynamic, its content and its interaction with science, technology and transdisciplinary associated to universities, companies and politics.

In this new context "Digital Humanities" related to aspects of the "Knowledge Organization" and modalities of its management", a first orientation is pedagogical trying to answer the question "What is known about the knowledge and its organization in the context of Digital Humanities?". Then the question is evolving towards societal issues of knowledge, researches and applications, to provide clarifications towards the convergence of approaches and practices for the common use of digital platforms. Education, science, culture, communication and technology remain the major themes covered by ISKO Maghreb, for the development of the knowledge organization, collective intelligence and the perspective of the Digital Humanities.

In a friendly atmosphere, hospitality and open to exchange, the international symposium ISKO-Maghreb was thought to enhance the Scientific Society "ISKO" with the universities, the practitioners in the Maghreb countries and the world.

The international Symposium ISKO-Maghreb will be held in its seventh (7th.) edition in Algeria (Bejaïa) in November 2018, after the six successful editions. This edition is organized by the University of Abderrahmane Mira (Béjaïa), and sponsored by the Universities and Labs. of Maghreb and Europe countries.

Program days:

1 – Plenary Lectures: a plenary lecture by a half-day given by guest speakers who are experts in their field. The objective is to present a current theme that concerns the scientific ISKO Society.

2 – Parallel thematic sessions: twelve sessions of oral presentations and two Poster sessions of the best research selected by the scientific committee. After each plenary session, three parallel sessions and a Poster session are scheduled.

3 – General Meeting of the chapter ISKO-Maghreb: (i) Board meeting, Board Directors and members of the Chapter ISKO-Maghreb. (ii) Opening to new membership in ISKO-Maghreb and establishment of Maghreb working groups. (iii) Future Symposium ISKO-Maghreb.

Topics:

ISKO-Maghreb chapter asks authors to develop theoretical and practical dimensions in their scientific proposals to address issues relating to Knowledge Organization (KO), knowledge representation and management and collective intelligence (CI) from the perspective of "Digital Humanities" (DH):

1– Digital Humanities and Documents

- a. Effects of dematerialization: the digital for the knowledge and expertise
- b. Communication and media convergence in the knowledge industry
- c. Digital Document in the Heritage of Digital Humanities

2– Information and Communication Technologies

- a. Communication networks and electronic documents
- b. e-Business and Business Platforms for Digital Publishing
- c. Digital economy (Web 3.0, Humanities and Social Sciences/ HSS 3.0 and other concepts)

3– e-Learning and Virtual Libraries

- a. Spaces of information for distance teaching and learning platforms
- b. Virtual libraries, resource mapping, and multimedia for teaching
- c. Virtual Patrimony, its organization in the Digital Humanities

4– Informational and technological watch

- a. Concepts, processes and actions in the watch and collaborative technology
- b. e-Watch, identification of sources and development of resources
- c. Data Science: Design, Organization and Sharing

5– Collective Intelligence and Media

- a. Media and measures of the collective performance in the knowledge economy
- b. Management of collective intelligence and knowledge communitarization
- c. Social Networks: Content, Media and Models in Communication

6– Digitalization, Archives and Management of Cultural Patrimony

- a. Digital storage, archives and knowledge management (KM)
- b. Collaborative business and media issues in patrimony management
- c. Knowledge Patrimony in the perspective of Digital Humanities

7– Knowledge representation and Semantic Web

- a. Models of knowledge representation
- b. From Knowledge to Semantic Web: Approaches, Issues and Perspectives
- c. Digital Humanities in the challenges of the semantic web

8– Knowledge Management (KM) in the Internet Challenges

- a. Innovation Management Models
- b. Competitive Case Studies of KM
- c. Management, Business Transfers and perspectives, and Professionals

9– Mathematical Models, Data Scientists and Visualization

- a. Numerical methods and scientific computing
- b. Decision-making statistics
- c. Stochastic calculus and its application to society, finance, economic and knowledge
- d. Mathematical models for knowledge organization to society and markets
- e. Data and Information Visualization for Decision-Making

10– Multimedia Information Retrieval & Knowledge Management

- a. Multimedia Information Retrieval
- b. Semi-Structured Information Retrieval
- c. Multimedia Classification and Clustering
- d. Multimedia Mining and text Mining
- e. Multimedia Knowledge Extraction, Synthesis and Visualization

11– e-Enterprise and Knowledge Management

- a. Enterprise Knowledge Management and Representation
- b. e-Enterprise knowledge development life cycles
- c. Semantic and Strategic Alignment: new challenges for e-entreprise
- d. e-Enterprise Architectures, knowledge management, and knowledge driven governance
- e. From Enterprise Information Architecture (EiA) to Enterprise Knowledge Architecture (EKA)

12– Knowledge Management in Advanced Information Systems

- a. Knowledge in Autonomic Computing
- b. Knowledge extraction (Techniques and models for User profile, context, ontologies alignment, ...)
- c. Knowledge emergence (big data, social knowledge, Communities, ...)

13– Knowledge for Web Services

- a. Ontologies for web services
- b. Web2.0 for web services
- c. Discovery and composition of web services

14– Knowledge Management for Business Intelligence and Complexity

- a. Business Intelligence and knowledge management
- b. Complex adaptive Systems in Knowledge-based Environments

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Language & Communication in Symposium:

- All papers must be written in English or French.
- All data-show presentations (in PowerPoint) must be written in English.
- Oral presentations and discussions are permitted in English and/or in French.

Paper Guidelines: **Submission in FULL PAPER only**

Paper submission:

Authors are invited to download the following templates according to "The Template and Instructions" on How to Create Your IEEE Paper (double column text, which can be used for peer review and final submission) :

URL: [Use these article templates for all IEEE Computer Society journals.](#)

- **DOC or PDF Format** (in [Article Templates](#)):

<http://ieeauthorcenter.ieee.org/create-your-ieee-article/use-authoring-tools-and-ieee-article-templates/ieee-article-templates/templates-for-computer-society-journals/>

Authors are invited to submit original, unpublished research papers that are not currently being considered in any other forum. Manuscripts must be submitted to "[ISKO-Maghreb'2018 EasyChair Conference system](https://easychair.org/conferences/?conf=iskomaghreb2018)" on: <https://easychair.org/conferences/?conf=iskomaghreb2018>.

Paper Format (DOC, RTF or PDF):

- All papers must not exceed **8 pages** in format **.DOC** or **.PDF** according to IEEE Template (in 2 columns).

Paper Rating:

- The Scientific Committee will assess the relevance of each proposal and will propose appropriate changes.
- The acceptance criteria are: originality of the contribution, importance to the community and impact on future scientific work, significance of results and quality of presentation.

Anti-plagiarism Policy:

As part of the anti-plagiarism policy followed by ISKO Int. Society, the papers will be subject to anti-plagiarism software Compilatio (<https://www.compilatio.net/>).

Paper platform for ISKO-Maghreb:

- Dear authors, we invite you to submit your contributions from the site **EasyChair Conference System**: [ISKO-Maghreb'2018 "EasyChair Conference system"](https://easychair.org/conferences/?conf=iskomaghreb2018).
- If you do not have an account EasyChair, we invite you to start and create one.

Conference Venue:

(in progress) in Bejaïa, Algeria.