



6th. International Symposium ISKO-Maghreb

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

CALL FOR PAPERS ISKO-Maghreb'2017

May 11th. – 12th. , 2017 in Al-Hoceima (Morocco)

www.isko-maghreb.org

Important Dates:

Papers due (deadline):	FEBRUARY 05th, 2017
Notification of acceptance:	MARCH 04th, 2017
Final paper & Camera-ready due:	APRIL 01st, 2017
Registration for authors (deadline):	APRIL 14th, 2017
Symposium ISKO-Maghreb days:	MAY 11th-12th, 2017
Best Paper Awards:	MAY 12th, 2017

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 sixth (6th.) edition in Morocco (Al-Hoceima) in May 2017, after the five successful editions. This edition is organized by **ENSAH** (Ecole Nationale des Sciences Appliquées d'Al Hoceima) - **Department of Mathematics and Computer Science**, and sponsored by the Universities 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, knowledge management and collective intelligence from the perspective of "Digital Humanities":

1– Digital Document and Digital Humanities

- a. Effects of dematerialization: the digital for the knowledge and expertise
- b. Communication and media convergence in the knowledge industry

2– Information and Communication Technologies

- a. Communication networks and electronic documents
- b. e-Business and Business Platforms for Digital Publishing

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

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

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

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. Knowledge Organization in Digital Humanities

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

Programme Committee:

Presidents :

General Chairs:

- Sahbi SIDHOM (President ISKO-Maghreb, LORIA & Université de Lorraine, France)
- Anass EL HADDADI (Vice-President ISKO-Maghreb, ENSA Al Hoceima, Morocco)
- Malek GHENIMA (Vice- President ISKO-Maghreb, ESCT & Université de la Manouba, Tunisia)
- Abdelkrim MEZIANE (Vice- President ISKO-Maghreb, CERIST, Algeria)

Local Chairs:

- Anass EL HADDADI (Vice-President ISKO-Maghreb, ENSA Al Hoceima, Morocco)
- Mohamed ADDAM (Vice-President ISKO-Maghreb, ENSA Al Hoceima, Morocco)
- Jaber EL BOUHDIDI (ENSA de Tetouan, Morocco)

Members (in updating):

ABOUTAJDINE Driss (Faculté des Sciences, université Mohammed V de Rabat, Morocco)
 AHMED-ZAID-CHERTOUK Malika (REDYL Lab. - Université MOULOUD MAMMERI TIZI-OUZOU, Algeria)
 AIB Mabrouk (Ecole Nationale Polytechnique d'Alger, Algérie)
 AJHOUN Rachida, (ENSIAS, Université Mohammed V de Rabat, Morocco)

ALIANE Hassina (CERIST, Algeria)
AOUGHLIS Farida (Université M.Mammeri-Tizi Ouzou, Algeria)
BABIK Wieslaw (Jagiellonian University of Cracow, Poland)
BADACHE Nadjib (CERIST, Algeria)
BAHSOUN Wahiba (Université Paul Sabatier Toulouse 3, France)
BELLAMINE Narjes (Lab. RIADI - ENSI Université de la Manouba, Tunisia)
BENABOU DJILALI (Université de Mascara, Algeria)
BENALI Khalid, (Université de Lorraine, Nancy, France)
BENATALLAH Boualem, (UNSW, Australia)
BENBRAHIM Houda, (Université Mohammed V de Rabat, Morocco)
BEN GHEZALA Henda (Lab. RIADI - ENSI Université de la Manouba, Tunisia)
BEN-ROMDHANE Mohamed (ISD - Université de la Manouba, Tunisia)
BERRADA Ilham, ENSIAS, (vice-présidente de l'Université Mohammed V de Rabat, Morocco)
BESSAI Fatma Zohra (CERIST, Algérie)
BOUBAKEUR Ahmed (Ecole Nationale Polytechnique d'Alger, Algérie)
BOUDJLIDA Nacer, (Université de Lorraine, Nancy, France)
BOULMAKOUL Azedine (Université Hassan II Mohammedia, Morocco)
BOULMAKOUL Azedine (Université Hassan II Mohammedia, Maroc)
BOUREKKACHE Samir (LINFI Lab. & University of Mohamed Khider, Biskra, Algeria)
BOUSSAID Omar (Laboratoire ERIC, Université Lumière Lyon2, France)
BOUZIDI Driss (ENSIAS, Université Mohammed V de Rabat, Morocco)
BOYER Anne (LORIA/KIWI - Université de Lorraine, France)
RODRÍGUEZ-BRAVO Blanca (University of León, Spain)
BRUN Armelle (LORIA/KIWI - Université de Lorraine, France)
CHAROY François, (Université de Lorraine, Nancy, France)
CHEIKHI Laïla, (Université Mohammed V de Rabat, Morocco)
CHERIET Mohamed (Director Green Star Network, University of Quebec, Canada)
CUXAC Pascal (INIST-CNRS & Université de Lorraine, France)
DAUNOIS Thierry (Université de Lorraine, France)
DODEBEI Vera (UNESP-São Paulo State University, Brasil)
DUCLOY Jacques (Université de Lorraine, France)
EL GHOUL Mansour (Université de Lorraine, France)
EL HACHANI Mabrouka (ELICO – Université Jean Moulin Lyon3, France)
ESSAAIDI Mohammad (Director, ENSIAS, Morocco)
FEKI Jamel (Faculté des Sciences Economiques et de Gestion à Sfax, Tunisie)
FREDJ Mounia (ENSIAS, Université Mohammed V de Rabat, Maroc)
FRIAS MONTOYA José Antonio (University of Salamanca, Spain)
FRISCH Muriel (IUFM – Nancy Université/Nancy2, France)
GNOLI Claudio (University of Pavia, Italy)
GODART Claude, (Université de Lorraine, Nancy, France)
GRIVEL Luc (Université de Paris I Panthéon-Sorbonne, France)
GUIMARAES José Augusto (UNESP-São Paulo State University, Brasil)
HABACHA Anja (Lab. RIADI - ENSI Université de la Manouba, Tunisia)
HATON Jean-Paul (LORIA/INRIA - Université de Lorraine et Institut Universitaire de France, France)
JALLOULI Rim (Ecole Supérieure d'Economie Numérique ESEN - Université de la Manouba, Tunisia)
JAMOUSSEI Yacine (Lab. RIADI - ENSI Université de la Manouba, Tunisia)
KASSOU Ismaïl (ENSIAS - Université Mohammed V Souissi, Rabat, Morocco)
KAZAR Okba (Université de Biskra, Algérie)
KHALIDI IDRISSEI Mohamed (Dept. of Informatique - Université Mohamed V de Rabat, Morocco)
KJIRI Laïla (ENSIAS, Université Mohammed V de Rabat, Maroc)
KNAUF Audrey (LORIA/KIWI - Université de Lorraine, France)
LAGHROUCH Mourad (Laboratoire LAMPA - Université M.Mammeri-Tizi Ouzou, Algeria)
LAMBERT Philippe (Institut Jean Lamour – Université Nancy1, France)
LAMÉ Marion (Université de Bologne, Italy)
LAMIREL Jean-Charles (INRIA & Université de Strasbourg, France)
LARBAOUI Souad (Institut de Management Stratégique et d'Intelligence Economique, Algérie)
LIMA Gercina (UNESP-São Paulo State University, Brasil)
LIQUETE Vincent (University of Bordeaux, France)

LÓPEZ-HUERTAS María (Vice-President of ISKO Int. & Universidad de Granada, Spain)
 MAAMAR Zakaria, (Zayed University, EAU)
 MAREDJ Azze-eddine (CERIST, Algérie)
 MAZZOCCHI Fulvio (Institute for Complex Systems Roma, Italy)
 MEDJAHED Brahim, (Michigan University, USA)
 MIRANDA Serge (Président MBDS, Université de Nice, France)
 MOINET Nicolas (IAE Université de Poitiers, France)
 MONFORT Valérie (Université de Paris1 Panthéon Sorbonne, France)
 NIBOUCHE Fatima (Ecole Nationale Polytechnique d'Alger, Algérie)
 OHLY Peter (ISKO Int. & GESIS - Leibniz-Institut für Sozialwissenschaften – Bonn, Germany)
 ORRICO Evelyn (UNESP-São Paulo State University, Brasil)
 OUBRICH Mourad (President of CIEMS – Rabat, Morocco)
 OULAD HAJ THAMI Rachid, (ENSIAS, Université Mohammed V de Rabat, Morocco)
 PECQUET Pascal (University of Montpellier, France)
 PEGUIRON Frédérique (Université de Lorraine, France)
 RABHI Fethi, (UNSW, Australia)
 RAMDANI Mohamed, (Université Hassan II Mohammedia, Morocco)
 RAZMERITA Liana (Copenhagen Buisness School, Denmark)
 ROUDIES Ounsa, (Ecole Mohammadia d'Ingénieurs, Université Mohammed V de Rabat, Morocco)
 SALEH Imad (Université Paris 8, France)
 SAN SEGUNDO Rosa (University of Madrid Carlos III, Spain)
 SAYEB Yemna (ENSI - University of Manouba, Tunisia)
 SEGHIR Yousra (ISD - University of Manouba, Tunisia)
 SILEM Ahmed (Université Jean Moulin Lyon3, France)
 SOUZA Renato (UNESP-São Paulo State University, Brasil)
 SYLBERZTEIN Max (LASELDI - Université de Franche-Comté, France)
 TANTI Marc (Centre d'épidémiologie et de sante publique des armées - UMR 912 - SESSTIM, France)
 TARI Kamel (Vice-Président du comité d'organisation, Univeristé de Bejaia, Algérie)
 WILLEM Tanguy (Université de Lorraine, France)
 ZELLOU Ahmed (ENSIAS, Université Mohammed V de Rabat, Maroc)
 ZOUAGHI Iskander (Ecole Nationale Polytechnique d'Alger, Algérie)

Organization Committee:

Presidents:

Organizing Chairs:

- Anass EL HADDADI (Vice-President ISKO-Maghreb, ENSA Al Hoceima, Morocco)
- Mohamed ADDAM (Vice-President ISKO-Maghreb, ENSA Al Hoceima, Morocco)
- Jaber EL BOUHIDI (ENSA de Tetouan, Morocco)

Membres :

Fadwa Bouhafer (ENSA Al Hoceima, Morocco)
 Nihal Chouati (ENSA Tanger, Morocco)
 El Wardani Dadi (ENSA Al Hoceima, Morocco)
 Ahmed El Allaoui (ENSA Al Hoceima, Morocco)
 Karim El Moutaouakil (ENSA Al Hoceima, Morocco)
 Amine El Haddadi (IRIT, Toulouse France et FST Tanger, Maroc)
 Khalid Haddouch (ENSA Al Hoceima, Morocco)
 Mohamed Heyouni (ENSA Al Hoceima, Morocco)
 Abdelhafid Messaoudi (ENSA Al Hoceima, Morocco)
 Fouzia MORADI (ENSA Al Hoceima, Morocco)
 Anass Ouraoui (ENSA Al Hoceima, Morocco)
 Aissa KERKOUR ELMIAAD (FST Al-Hoceima, Morocco)
 Abdelhamid Zouhair (ENSA Al Hoceima, Morocco)

Language & Communication in Symposium:

- All papers must be written in English or in French.
- All video presentations (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: http://www.ieee.org/publications_standards/publications/authors/author_templates.html

- For **DOC Format**: http://www.ieee.org/documents/trans_jour.docx
- For **LaTeX2e Format**: <http://www.ieee.org/documents/IEEEtran.zip>

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'2017 EasyChair Conference system](https://easychair.org/conferences/?conf=iskomaghreb2017)" on: <https://easychair.org/conferences/?conf=iskomaghreb2017>.

The scientific and the program committees will evaluate the relevance of each propositions submitted and will propose modifications if need be.

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**: <https://easychair.org/conferences/?conf=iskomaghreb2017>
- If you do not have an account EasyChair, we invite you to start and create one.

Conference Venue:

(May 11th-12th, 2017) in Mercure Quemado Resort Hotel, Al-Hoceima, Morocco.