Apologies for multiple diffusion

CALL FOR PAPERS

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TRACK ON **WEB COMPUTING AND APPLICATIONS (WeCA)**

The 10th International Conference on

**SIGNAL IMAGE TECHNOLOGY & INTERNET-BASED SYSTEMS (SITIS'14)**

November 23 - 27, 2014

In cooperation with ACM SIGAPP French Chapter (pending ...)

and IEEE Technical Committee on Multimedia Computing (pending ...)

Hotel Semiramis, Marrakech, Morocco

http://www.sitis-conf.org/

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The focus of the track titled "**Web Computing and Applications (WeCA)**" is on emerging and novel concepts, architectures, technologies, and methodologies for information management related to the Web and cloud computing. In essence, the Web, with its different versions, has created an interconnected world in which information can be exchanged easily, tasks can be processed collaboratively, communities of users with similarly interests can beformed to achieve efficiency and improve performance, etc. Taking full advantage of these interconnected environments to meet the ever increasing needs of emerging applications requires solutions that address new issues and challenges.

The track calls for research papers and reports related, but not limited, to the following topics:

## Data semantics

Ontologies
Conceptual Data Modeling
Knowledge Representation and Reasoning
Metadata
Evolution and Change
Semantic Caching
Data Warehousing and Semantic
Semantics in Data Visualization
Semantic Services for Mobile Users
Applications of Semantic-Driven Approaches

## Web-Centric Systems

Semantic Web
Social media and networking
Web Services and Service Computing
Hypermedia and Adaptation
E-Commerce, E-government, and E-Learning
Web/Data Mining
Machine Learning
Crowdsourcing

## Big Data

Foundations and computation
Infrastructure and platforms
Management
Data preservation and provenance
Search and Mining
Computational Modeling and Data Integration
Link and Graph Mining
Mobility
Multimedia and Multi-structured Data
Big Data and Social Media
Applications

## Information System Interoperability

Digital Libraries
Semantic Interoperability and Semantic Mediators
Ontologies Based Systems
Contextual Reasoning in Distributed Ontologies

## Cloud

Architectures and platforms
Mobile Clouds
Storage, Data, and Analytics Clouds
Migration, Management, and Quality
Composition, Federation, and Integration Resource Virtualization and Composition
High Performance Cloud Computing
Programming Models and Paradigms
Green Computing
Innovative Applications and Experiences
Computing Consulting

## Cooperative information and Distributed Systems

Information Sharing
Grid/cloud Applications
Peer To Peer Computing and Applications
Knowledge and Semantic Grid
Semantics of Peer Data Management Systems
Mobile Information Systems and Computing

## Multimedia and application

Image and Video Databases
Image and Video Indexing and Retrieval
Emergent Semantics in Content Retrieval Systems
Semantics and Meta Data in Multimedia Systems
Content-Based Indexing, Search, and Retrieval
Multimedia Data Modeling and Visualization
Tools, Benchmarks, Evaluation Protocols and Standard

### Information security

    Security Modeling and Access Control Protocol
    Intrusion Avoidance, Detection, and Response
    Web Security and Supporting Systems Security
    Denial of Service: Attacks and Countermeasures
    Intellectual Property Protection
    Fundamental Services on Network and Distributed Systems
    Security and Privacy for Emerging Technologies
    Trust based systems

### Submission and publication

The conference will include keynote addresses, tutorials, and regular and workshop sessions. SITIS'14 invites submission of high quality and original papers on the topics listed above. All submitted papers will be peer-reviewed by at least two reviewers for technical merit, originality, significance and relevance to track topics. Papers must be up to 8 pages and follow IEEE double columns publication format.

Paper submission will only be online via: SITIS 2014 submission site. The online system will be used to handle and process all papers and to prepare for the final proceedings.

https://www.easychair.org/conferences/?conf=sitis2014

Accepted papers will be included in the conference proceedings and published by IEEE Computer Society and referenced in IEEE explore and major indexes

### Important dates

- Paper Submission: September 6, 2014
- Acceptance/Reject notification: October 6, 2014
- Camera ready: October 15, 2014
- Author registration: October 19, 2014

### Track Chairs

**Rim Faiz**, IHEC, University of Carthage, Tunisia
**Gayo Diallo**, ISPED, University of Bordeaux, France
**Peter Eklund**, University of Wollongong, Australia


### Local Organizing Committee

Abdelaziz El Fazziki, Cadi Ayyad University, Marrakesh, Morocco (Chair)

Mohammed Sadgal, Cadi Ayyad University, Marrakesh, Morocco

El Hassan Abdelwahed, Cadi Ayyad University, Marrakesh, Morocco

Mehdi Najib, Cadi Ayyad University, Marrakesh, Morocco