



The Int. ACM Conference on Management of Emergent Digital EcoSystems (MEDES 2009)

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<http://sigappfr.acm.org/medes>

October 27-30, 2009

Lyon - France

Description and Objectives

In the world of the Internet, the rapid growth and exponential use of digital medias leads to the emergence of virtual environments namely digital ecosystems composed of multiple and independent entities such as individuals, organizations, services, software and applications sharing one or several missions and focusing on the interactions and inter-relationships among them. The digital ecosystem exhibits self-organizing environments, thanks to the re-combination and evolution of its "digital components", in which resources provided by each entity are properly conserved, managed and used. The underlying resources mainly comprehend data management, innovative services, computational intelligence and self-organizing platforms. Due to the multi-disciplinary nature of digital ecosystems and their characteristics, they are highly complex to study and design. This also leads to a poor understanding as to how managing resources will empower digital ecosystems to be innovative and value-creating. The application of Information Technologies has the potential to enable the understanding of how entities request resources and ultimately interact to create benefits and added-values, impacting business practices and knowledge. These technologies can be improved through novel techniques, models and methodologies for fields such as data management, web technologies, networking, security, human-computer interactions, artificial intelligence, e-services and self-organizing systems to support the establishment of digital ecosystems and manage their resources.

The International Conference on Management of Emergent Digital EcoSystems (EDES) aims to develop and bring together a diverse community from academia, research laboratories and industry interested in exploring the manifold challenges and issues related to resource management of Digital Ecosystems and how current approaches and technologies can be evolved and adapted to this end. The conference seeks related original research papers, industrial papers and proposals for demonstrations, and tutorials and workshops.

Topics

We solicit original research and technical papers not published elsewhere. The papers can be theoretical, practical and application oriented on the following themes (but not limited to):

- Digital Ecosystem Infrastructure
- Web Technologies
- Social Networks
- Data & Knowledge Management Systems
- Multimedia Information Retrieval
- Ontology Management
- Services systems and Engineering
- E-Services , E-Learning, E-Humanities and E-Government
- Emergent Intelligence
- Game Theory
- Networks and Protocols
- Security & Privacy
- Standardization and Extensible Languages
- Human-Computer Interaction
- Business Intelligence
- B2B, B2C, B2A, E-Commerce, E-Business, E-Marketing and E-Procurement
- Digital Library
- Open Source

Paper Submission

Submissions must be in an electronic form as PDF format and should be uploaded using the conference website.

Submissions should be at most 8 ACM single-space printed pages. Papers that fail to comply with length limit will be rejected. Submissions will be peer-reviewed by at least 3 peer reviewers. Selection criteria will include: relevance, significance, impact, originality, technical soundness, and quality of presentation. Preference will be given to submissions that take strong or challenging positions on important emergent topics related to Digital Ecosystems. At least one author should attend the conference to present the paper.

The conference Proceedings will be published by ACM and indexed by the ACM Digital Library.

Important Dates

- **Full Paper submission (extended): July 31, 2009**
- Notification of Paper Acceptance: September 5, 2009
- Camera Ready Papers Due and Registration: September 15, 2009
- Conference Dates: October 27-30, 2009

Special issues and Journal Publication

Extended versions of the selected papers will be published in one of the following reviewed journals:

- International Journal on Subject-Centric Computing (IJSCC)
- Journal of Organizational and Collective Intelligence (JOCI)
- Journal of Emerging Technologies in Web Intelligence (JETWI)
- International Journal of Bio-Inspired Computation (IJBIC)
- International Journal of Internet and Enterprise Management (IJIEM)

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