



# 5<sup>th</sup> International Conference on Emerging Intelligent Data and Web Technologies (EIDWT-2014)

September 10<sup>th</sup>-12<sup>th</sup>, 2014 Salerno, Italy

<http://voyager.ce.fit.ac.jp/conf/eidwt/2014/>

The 5<sup>th</sup> EIDWT-2014 International Conference will be held in conjunction with 6<sup>th</sup> INCoS-2014 and 17<sup>th</sup> NBIS-2014 International Conferences

<http://voyager.ce.fit.ac.jp/conf/incos/2014/>, <http://voyager.ce.fit.ac.jp/conf/nbis/2014/>

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## AIM & SCOPE

The 5<sup>th</sup> International Conference on Emerging Intelligent Data and Web Technologies (EIDWT-2014) is dedicated to the dissemination of original contributions that are related to the theories, practices and concepts of emerging data technologies yet most importantly of their applicability in business and academia towards a collective intelligence approach. In particular, EIDWT-2014 will discuss advances about utilizing and exploiting data generated from emerging data technologies such as Data Centers, Data Grids, Clouds, Crowds and Mashups. The scope of EIDWT-2014 is to discuss methods and practices which bring various emerging data technologies together to capture, integrate, analyze, mine, annotate and visualize data - made available from various community users. EIDWT-2014 aims also to provide a forum for original discussion and prompt future directions in the area.

The main topic areas include, but are not limited to:

- Critical Reviews on Theory and Practices in Collective Intelligence
- Ad-Hoc Social Networking Analysis, Business Intelligence
- Self-organising Systems and Networks
- Self-adaptive Ant Colony, Swarm and Evolutionary Agents
- Data/Text Mining, Reality Mining, Data Clustering, Graph Partitioning
- Ontology Management, Semantic Web, Web Services, Multi-Agents
- Meta-Data, Annotation, Intra-/Inter Tagging, Inference Engines, Reasoning

- Architectures, Discovery, Retrieval, Scheduling, Allocation, Monitoring
- Enabling Technologies
- Data Management, Data Growth, Storage, Implications
- Web and Ubiquitous Intelligence, Reality Mining
- Security, Trust and Reputation, Identity Management and Privacy
- Languages, Components, Programs, Knowledge Portals and/or Applications
- Developments and frameworks in various settings including construction industry, transportation and other control systems, sensors, smart spaces, disaster management and threat detection, bioinformatics, environmental control, energy consumption control, business, economics, supply-chain management, planning and operations, etc.

## IMPORTANT DATES

- **Submission Deadline: 4<sup>th</sup> May, 2014 (extended)**
- Authors Notification: 30<sup>th</sup> May, 2014
- Author Registration: 27<sup>th</sup> June, 2014
- Final Manuscript: 27<sup>th</sup> June, 2014
- Conference Dates: 10<sup>th</sup> – 12<sup>th</sup> September, 2014

## AREA TRACKS

- -Ontologies and Metadata Representation
- -Knowledge Discovery and Mining
- -Databases and Data Warehouses
- -Data Centers and IT Virtualization Technologies
- -Web Science and Business Intelligence
- -Data Management and Information Retrieval
- -Machine Learning on Large Data Sets & Massive processing
- -Data Modeling, Visualization and Representation Tools
- -Natural Inspired Computing for Emerging Intelligence
- -Data Sensing, Integration, Querying
- -Data Security, Trust and Reputation
- -eScience Data Sets, Repositories, Digital Infrastructures
- -Energy-aware and Green Computing in Data Centers
- -Emerging Trends and Innovations in Data Technologies

## WORKSHOPS

Submit a workshop proposal to the EIDWT-2014 workshop Co-Chairs. Proceedings of EIDWT-2014 workshops will be published by Conference Publishing Services.

## SUBMISSION GUIDELINES

All submissions should be prepared according to Conference Proceedings Manuscript guidelines. Submission can be in one of the categories: **Regular paper** (8 pages), **Workshop paper** (6 pages). All papers (including short and poster papers) will be published in the CPS Conference proceedings. You can find instructions to format the Proceedings Manuscript, at the following web page: <http://www.computer.org/portal/site/cscps/>.

Prepare your paper in PDF file (Adobe format), and submit it electronically to the EIDWT-2014 webpage. Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance.

## SPECIAL ISSUES

Presented papers at EIDWT-2014 will be considered for publication in several Special Issues in International Journals. More than 10 Special Issues in SCI and EI indexed journals are planned, including IEEE Systems Journal (IF=1,27), IEEE Trans. on Industrial Electronics (IF=5,16), IEEE Trans. on Industrial Informatics (IF=3,38), IEEE Trans. on Systems, Man and Cybernetics (IF=2,18), Information Sciences (IF=3,64), Soft Computing (IF=1,12).

## INDEXING

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