

KDIR  
KEOD  
KMIS

# IC3K 2013

5<sup>th</sup> International Joint Conference on Knowledge Discovery,  
Knowledge Engineering and Knowledge Management

Vilamoura, Algarve, Portugal

19 - 22 September, 2013

POSITION PAPER SUBMISSION: MAY 16, 2013



The purpose of the IC3K is to bring together researchers, engineers and practitioners on the areas of Knowledge Discovery, Knowledge Engineering and Knowledge Management. IC3K is composed of **three co-located conferences**, each specialized in at least one of the main knowledge areas listed below.

**KDIR** | [www.kdir.ic3k.org](http://www.kdir.ic3k.org)

International Conference on Knowledge Discovery and Information Retrieval

**Program Chair**

• Ana Fred, Technical University of Lisbon / IT, Portugal

**KEOD** | [www.keod.ic3k.org](http://www.keod.ic3k.org)

International Conference on Knowledge Engineering and Ontology Development

**Program Chair**

• Jan Dietz, Delft University of Technology, Netherlands

**KMIS** | [www.kmis.ic3k.org](http://www.kmis.ic3k.org)

International Conference on Knowledge Management and Information Sharing

**Program Chair**

• Kecheng Liu, University of Reading, United Kingdom

**Conference Chair**

• **Joaquim Filipe**, Polytechnic Institute of Setúbal / INSTICC, Portugal

MORE INFORMATION AT: [WWW.IC3K.ORG](http://WWW.IC3K.ORG)

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Papers will be available at:



SCITEPRESS Digital Library

Post-publications:



CCIS Series Book



Wiley Journal  
"Intelligent  
Systems  
in Accounting,  
Finance and  
Management"



Elsevier Journal of  
Information Fusion on  
"Information Fusion in  
Multi-dimensional  
Knowledge Discovery  
and Computational  
Intelligence"

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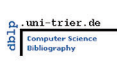


Special Interest Group  
on Information Retrieval



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## CONFERENCE TOPICS

### KDIR

- Web mining
- Machine Learning
- Foundations of Knowledge Discovery in Databases
- Data Analytics
- Data Mining in Electronic Commerce
- Interactive and Online Data Mining
- Process Mining
- Integration of Data Warehousing and Data Mining
- Data Reduction and Quality Assessment
- Mining High-Dimensional Data
- Mining Text and Semi-Structured Data
- Mining Multimedia data
- Structured Data Analysis and Statistical Methods
- Bio Informatics & Pattern Discovery
- Clustering and Classification Methods
- Pre-Processing and Post-Processing for Data Mining
- Visual Data Mining and Data Visualization
- Software Development
- Business Intelligence Applications
- Information Extraction
- Concept Mining
- Context Discovery
- Optimization
- Information Extraction from Emails
- User Profiling and Recommender Systems
- Collaborative Filtering

### KEOD

- Ontology Engineering
- Decision Support Systems
- Semantic Web
- Natural Language Processing
- Intelligent Problem Solving
- Knowledge Acquisition
- Knowledge Representation
- Information Integration
- Expert Systems
- Metamodelling
- Human-Machine Cooperation
- Process Knowledge and Semantic Services
- Knowledge Reengineering
- AI Programming
- Applications and Case-Studies
- Ontology Matching and Alignment
- Ontology Sharing and Reuse
- Context Analysis and Modeling
- Domain Analysis and Modeling
- Education and Training Issues
- Enterprise Ontology

### KMIS

- E-Learning
- Organizational semiotics
- E-Government
- Digital libraries
- Interoperability
- Enterprise Information Systems
- Metadata and Structured Documents
- Best Practices & Communities of Practice
- Business Intelligence & CRM
- Communication, Collaboration and Information Sharing
- Impact Measurement of Knowledge Management
- Tools and Technology for Knowledge Management
- Knowledge Management Projects
- Organizational Memories
- Learning Organization & Organizational Learning
- Intelligent Information Systems
- Social Networks and the Psychological Dimension
- Intellectual Capital
- Studies, Metrics & Benchmarks
- Innovation Facilitation
- KM Strategies and Implementations
- Information Security
- Business Process Management
- Requirements Engineering

### Publications

All accepted papers will be published in the conference proceedings, under an ISBN reference, on paper and on CD-ROM support.

All papers presented at the conference venue will be available at the SCITEPRESS Digital Library (<http://www.scitepress.org/DigitalLibrary/>). SCITEPRESS is member of CrossRef (<http://www.crossref.org/>).

A short list of presented papers will be selected so that revised and extended versions of these papers will be published by Springer-Verlag in a CCIS Series book.

A short list of papers presented at the KEOD conference will be selected for publication of extended and revised versions in a special issue of the Wiley Journal "Intelligent Systems in Accounting, Finance and Management"

A special issue of the Elsevier Journal of Information Fusion on "Information Fusion in Multi-dimensional Knowledge Discovery and Computational Intelligence" has been planned. For more details, please download the CFP for the special issue here.

The proceedings will be submitted for indexation by Thomson Reuters Conference Proceedings Citation Index (ISI), INSPEC, DBLP and EI (Elsevier Index).

### Propose a Satellite Event

Workshops, Special sessions, Tutorials as well as Demonstrations dedicated to other technical/scientific topics are also envisaged: companies interested in presenting their products/ methodologies or researchers interested in holding a tutorial are invited to contact the conference secretariat.

### Venue

With the famous Marina on one side and its own concessioned beach on the other, Tivoli Marina Vilamoura is a reference for luxury tourism in Algarve.

The lively social and nightlife of Vilamoura attracts many local celebrities from different areas who come to enjoy the holidays and weekends of complete relaxation, where there is plenty to do such as shopping, a visit to the casino and golf.

This luxury hotel in Vilamoura offers excellent facilities and quality service ensuring guests a memorable stay in Portugal.