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Vale, Zita

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Chair - Ramos, Carlos

## Program Committee

Chair - Faria, Luiz

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In the sequence of the great success of ICKEDS'04 held in Porto (Portugal) in 2004, ICKEDS'06, the *Second International Conference on Knowledge Engineering and Decision Support* will be held in Lisbon (Portugal) from May, 9<sup>th</sup> to 12<sup>th</sup>, 2006.

ICKEDS'06 envisages bringing together communities of researchers, developers and users working with *Knowledge and Decision Technologies and Management* in order to discuss the benefits of these sciences in a new *Knowledge and Decision Society*.

From the technological point of view ICKEDS'06 will join people from several areas like *Artificial Intelligence, Operational Research, Simulation, Decision Support Systems and Knowledge-based Systems*. From the management perspective, several areas will be involved, like *Knowledge Management, Decision Making, Negotiation, Argumentation, Conflict Resolution and Business Intelligence*. ICKEDS'06 aims to specially focus on the importance of real-world applications of these technologies and methods.

Papers or Extended Abstracts can be submitted in the following areas:

Technologies	Management	Application Areas
<ul style="list-style-type: none"> <li>Constraint Satisfaction</li> <li>Data Warehouses, OLAP</li> <li>Decision Support Systems</li> <li>Executive Information Systems</li> <li>Intelligent Agents</li> <li>Intelligent Tutoring Systems</li> <li>Knowledge Discovery</li> <li>Knowledge Representation</li> <li>Knowledge-based Systems</li> <li>Multi-Agent Systems</li> <li>Natural Language</li> <li>Ontologies</li> <li>Optimization</li> <li>Soft Computing</li> </ul>	<ul style="list-style-type: none"> <li>Argumentation</li> <li>Business Intelligence</li> <li>Conflict Resolution</li> <li>Decision Making</li> <li>Group Decision Making</li> <li>Knowledge Management</li> <li>Negotiation</li> <li>Social and Organizational Aspects</li> </ul>	<ul style="list-style-type: none"> <li>Aerospace</li> <li>Agriculture</li> <li>Banking</li> <li>Biotechnology</li> <li>Electronic Commerce</li> <li>Electronics</li> <li>Energy</li> <li>Environment</li> <li>Internet and WWW</li> <li>Manufacturing</li> <li>Medicine</li> <li>Power Systems</li> <li>Robotics and Automation</li> <li>Services</li> <li>Transports</li> </ul>
	Type of Problems	
	<ul style="list-style-type: none"> <li>Clustering and Classification</li> <li>Decision Making</li> <li>Design</li> <li>Diagnosis and Error Recovery</li> <li>Forecasting</li> <li>Monitoring</li> <li>Planning and Scheduling</li> </ul>	

## Special Sessions, Workshops and Tutorials

Special Sessions are welcome. Organizers of these sessions will be asked to chair them. To organize a Special Session it is necessary to send the proposed title for the session and a list of four papers. These papers must be submitted and reviewed by the normal procedure.

Workshops and Tutorial are also welcome. Organizers of Tutorials and Workshops should send a proposal with the Tutorials or Workshops title, brief description of the objectives, list of speakers and tentative presentations titles.

## Technical Support

IEEE Computational Intelligence Society, Portuguese Chapter  
ISAP - Intelligent System Application to Power Systems

## Important Dates

Intentions to organize Special Sessions, Tutorials and Workshops	<b>9<sup>th</sup> December 2005</b>
Submission of Extended Abstracts (3 pages)	
Submission of Full Papers (8 pages)	<b>9<sup>th</sup> January 2006</b>
Paper acceptance	<b>10<sup>th</sup> February 2006</b>