7th IDEAL 2006

International Conference on Intelligent Data Engineering and Automated Learning

20th - 23rd September, 2006
Burgos, Spain

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FIRST CALL FOR PAPERS

IDEAL is an annual conference dedicated to emerging and challenging topics in intelligent data analysis and engineering and their associated learning paradigms. IDEAL'06 provides an opportunity to present the latest theoretical advances and real-world applications in intelligent data engineering and automated learning.

Following the highly successful conferences held in Brisbane (2005), Exeter (2004), Hong Kong (2003) and Manchester (2002), the seventh conference (IDEAL '06) will be held in the middle-size and charming city of Burgos, Spain.

TOPICS OF INTEREST

LEARNING AND INFORMATION PROCESSING
Machine Learning, Neural Networks and Emergent Systems, Probabilistic Learning, Clustering and Classification, Feature Selection and Extraction, Evolutionary Computation, Fuzzy Logic.

DATA MINING
Rule-based Systems, Text and Web Mining, Multivariate Data Visualisation, Internet and Multimedia Databases, Knowledge Discovery and Retrieval, Data Warehouse and E-organisations, Image Analysis, Speech and Signal Processing, Medical Diagnosis and Databases

BIOINFORMATICS
Protein Structural Prediction, Gene Expression Data Analysis, Metabolomics and Pathway Analysis, Bioinformatics Tools and Intelligent Decision Making Systems, Molecular Data Management, Novel Bioinformatics Algorithms

AGENTS
Multi-agents Systems, Autonomous Agents, Agent Architectures and Protocols, Collaborative and Collective learning, Self-Organising Systems

FINANCIAL ENGINEERING
Electronic Commerce, Portfolio Management, Risk Analysis and Management, Fraud Detection, Modelling and Forecasting, Volatility and Trading Strategies

DEADLINES

Submission of papers: 26th May, 2006.
Notification of acceptance: 23rd June, 2006.
Camera-ready papers due: 7th July, 2006.
Author registration due: 7th July, 2006.

Conference: 20th - 23rd September, 2006.

PROCEEDINGS

As in the past, the IDEAL'06 proceedings is to be published by Springer as LNCS series (to be confirmed).

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Grupo de Inteligencia Computacional Aplicada
Área de Lenguajes y Sistemas Informáticos
Escuela Politécnica Superior
Campus Vena, Edifico C
Universidad de Burgos
C/Francisco de Vitoria s/n
09006 Burgos, SPAIN

Phone: +34 947 25 9395
Fax: +34 947 25 9395

email: **ideal2006@ubu.es**
web site: **http://www2.ubu.es/ideal2006**