PAKDD 2011

24 - 27 May 2011, Shenzhen, China

CALL FOR PAPERS

The 15th Pacific-Asia Conference on Knowledge Discovery and Data Mining

The Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD) is a leading international conference in the areas of data mining and knowledge discovery (KDD). It provides an international forum for researchers and industry practitioners to share their new ideas, original research results and practical development experiences from all KDD related areas, including data mining, data warehousing, machine learning, aritificial intelligence, databases.

The conference calls for research papers reporting original investigation results and industrial papers reporting real data mining applications and system development experience.

Topics

◄ Data Mining Foundations ►
- Theoretic foundations
- Novel models and algorithms
- Mining emerging data types
- Mining mixed and multi-source data
- Mining complex sequential data
- Mining spatial and temporal data
- Mining textual and semi-structured/unstructured data
- Parallel, distributed and combined data mining
- Privacy data analysis
- Mining high dimensional data
- Statistical foundations

◄ Mining in Emerging Domains ►
- Stream/dynamic data mining
- Visual data mining
- Mining behavioral data
- Ubiquitous knowledge discovery
- Mining multi-agent data and agent-based data mining
- Mining linkages, networks and communities
- Mining the Internet and social networks
- Financial data mining
- Opinion and sentiment analysis
- Mining imbalanced data
- Mining graphic data
- Security, risk, cost, impact, trust and repeitability etc.
- Interactive and online mining
- Integration of data warehousing, OLAP and data mining
- Massive data mining on cloud platforms

◄ Process and Applications ►
- Actionable knowledge discovery
- Developing a unifying theory of data mining
- Data pre-processing and transformation
- Feature selection and extraction
- Post-processing and post mining
- Deliverable representation and presentation
- Automating the mining process
- Human, domain, organizational and social factors in data mining
- Quality assessment and validation
- Data mining languages
- High performance implementations of data mining algorithms
- Intrusion detection and surveillance analysis
- Healthcare, health, drug and medical data analysis
- Bioinformatics, computational chemistry, ecoinformatics
- Fraud and risk analysis
- Other applications such as supply chain intelligence
- Lessons and experiences

Key dates

Abstract Submission Due	19 Sept,	2010
Paper Submission Due	26 Sept,	2010
Author Notification	29 Dec,	2010
Camera Ready Due	23 Jan,	2011
Workshop Proposal	29 Aug,	2010
Workshop Notification	13 Sept,	2010
Tutorial Proposal Due	14 Nov,	2010
Tutorial Notification	05 Dec,	2010

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