

The Ninth Pacific-Asia Conference on Knowledge Discovery and Data Mining Hanoi, Vietnam, 18-20 May 2005



CALL FOR PAPERS

The 9th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD-05) is a leading international conference in the areas of data mining and knowledge discovery. 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, databases, statistics, knowledge acquisition and automatic scientific discovery, data visualization, causal induction and knowledgebased systems. The conference URL is http://www.jaist.ac.jp/PAKDD-05.

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Se June Hong, IBM T.J. Watson Research Center, USA

Wynne Hsu, National University of Singapore, Singapore

Topics

The conference calls for research papers reporting original investigation results and industrial track papers reporting real data mining applications and system development experience. The topics of the PAKDD-05 papers fall into two major categories which will include but are not limited to the following:

Data Mining Foundations Data Mining in Specialized Domains

Theoretic Foundations High Dimensional Data Novel Algorithms Temporal Data Association Rules **Biomedical Domains** Classification and Ranking Dynamic Data Mining Clustering

Text Mining

Machine Learning Methods Statistical Methods

Privacy Preserving Data Mining Parallel and Distributed Data

Mining

Interactive and Online Mining

KDD Process and Human Interaction

Data and Knowledge

Visualization Knowledge Management

Scientific Databases

Semi-structured/unstructured Data

Spatial Data Multimedia

Web Data and the Internet

Integrated Media

Security and Intrusion Detection Reliability and Robustness Issues Mining Trends, Opportunities or Risks Integration of Data Warehousing, OLAP

and Data Mining

Graphic Model Discovery

Software Warehouse and Software

Mining

Proceedings will be published by Springer-Verlag as a volume in the LNAI

Paper Submission

Each paper should consist of a cover page with title, authors' names, postal and email addresses, a up to 200-words abstract, up to 5 keywords and a body not longer than 12 single-spaced pages with font size at least 11 pts. Authors are strongly encouraged to use Springer's manuscript submission guidelines (available at http://www.springer.de/comp/lncs/authors.html) for their initial submissions. All papers must be submitted electronically in PDF format only, using the conference management tool. Detailed instructions will be available at the conference Website http://www.jaist.ac.jp/PAKDD-05.

The submitted papers must not be published or under consideration to be published elsewhere. Each paper will be reviewed by at least three members of the Program Committee.

Call for Workshops and Tutorials

The conference also solicits proposals focusing on specific new challenges and emergency issues of knowledge discovery and data mining, and calls for tutorials proposals focusing on crucial technologies of knowledge discovery and data mining (see details in http://www.jaist.ac.jp/PAKDD-05).

Important Dates and Deadlines

Paper Submissions December 22, 2004 Workshop Proposals December 22, 2004 Workshop Notifications January 10, 2005 **Tutorial Proposals** February 12, 2005 **Tutorial Notifications** February 25, 2005 Papers Acceptance Notifications February 22, 2005 Camera Ready March 10, 2005 Conference May 18-20, 2005

Joshua Z. Huang, University of Hong Kong, China Siu Cheung Hui, Nanyang Technological University, Singapore San-Yih Hwang, National Sun Yat-Sen University, Taiwan Jongwoo Jeon, Seoul National University, Korea Rong Jin, Michigan State University, USA Hiroyuki Kawano, Nanzan University, Japan Gabriele Kern-Isberner, University of Dortmunt, Germany Hoang Kiem, Vietnam National University HCM, Vietnam Boonserm Kijsirikul, Chulalongkorn University, Thailand Myoung Ho Kim, Korea Adv. Inst. of Science and Tech., Korea Yasuhiko Kitamura, Kwansei Gakuin University, Japan Masaru Kitsuregawa, University of Tokyo, Japan Rao Kotagiri, University of Melbourne, Australia Marzena Kryszkiewicz, Warsaw University of Tech., Poland Vipin Kumar, University of Minnesota, USA Jonathan Lawry, University of Bristol, UK Aleksandar Lazarevic, University of Minnesota, USA Doheon Lee, Korea Adv. Inst. of Sci. and Tech., Korea Geuk Lee, Hannam University, Korea Kwang Hyung Lee, Korea Adv. Inst. of Sci. and Tech., Korea Sang Ho Lee, Soongsil University, Korea Yoon-Joon Lee, Korea Adv. Inst. of Science and Tech., Korea Jinyan Li, Institute for Infocomm Research, Singapore Tsau Young Lin, San Jose State University, USA Bing Liu, University of Illinois at Chicago, USA Huan Liu, Arizona State University, USA Hongjun Lu, Hong Kong Univ. of Science and Tech., China Luong Chi Mai, Vietnamese Academy of Sci. and Tech., Vietnam Yuii Matsumoto, Nara Inst. of Science and Technology, Japan Hiroshi Motoda, Osaka University, Japan Tetsuya Murai, University of Hokkaido, Japan Yoshiteru Nakamori, Japan Adv. Inst. of Science and Tech., Japan Huynh Van Nam, Japan Adv. Inst. of Science and Tech., Japan Douglas Newlands, Deakin University, Australia Wee Keong Ng, Nanyang Technological Univ, Singapore Zaiqing Nie, Microsoft Research Asia, China Monique Noirhomme, Univ. Notre Dame de la Parix, Belgium Masayuki Numao, Osaka University, Japan Takashi Okada, Kwansei Gakuin University, Japan Dino Pedreschi, Università di Pisa, Italia T. V. Prabhakar, Indian Institute of Technology Kanpur, India Joel Quinqueton, University Montpellier 2, France Rajeev Rastogi, Bell Laboratories, USA Kenji Satou, Japan Adv. Inst. of Science and Technology, Japan Michele Sebag, University Paris Orsay, France Rudy Setiono, National University of Singapore, Singapore Kyuseok Shim, Seoul National University, Korea Akira Shimazu, Japan Adv. Inst. of Science and Tech., Japan Masashi Shimbo, Nara Inst. of Science and Tech., Japan Simeon J. Simoff, University of Tech. Sydney, Australia Andrzej Skowron, Warsaw University, Poland Nguyen Hung Son, Warsaw University, Poland Takao Terano, Tsukuba University, Japan Nguyen Thanh Thuy, Hanoi University Technology, Vietnam Hiroshi Tsukimoto, Tokyo Denki University, Japan Shusaku Tsumoto, Shimane Medical University, Japan Anh Vo, University of Melbourne, Australia Takashi Washio, Osaka University, Japan Kyu-Young Whang, Korea Adv. Inst. of Sci. and Tech., Korea Graham Williams, ATO, Australia Xindong Wu, University of Vermont, USA Takehisa Yairi, University of Tokyo, Japan Seiji Yamada, National Institute of Informatics, Japan Takahira Yamaguchi, Keio University, Japan Yiyu Yao, University of Regina, Canada Tetsuya Yoshida, Hokkaido University, Japan Philip S. Yu, IBM T.J. Watson Research Center, USA Mohammed J. Zaki, Rensselaer Polytech. Institute, USA Chengqi Zhang, University of Technology, Sydney, Australia Bo Zhang, Tsinghua University, China Ning Zhong, Maebashi Institute of Technology, Japan Zhi-Hua Zhou, Nanjing University, China

Djamel A. Zighed, University Lyon 2, France

Keynote speaker and Invited speakers

The keynote speech will be given by Professor Tom Mitchell, Carnegie Mellon University. One invited talk will be announced.

Conference Location

The conference *venue* will be the 5-star Melia Hanoi Hotel. The conference facilities are quite modern (especially video-audio equipments). There will also be plenty of Internet connections.

Accommodation

For *accommodations*, there are many hotels from 5-star hotels to very reasonably priced hotels (about 15 USD/day) in walking distance (less than 10 minutes) of the conference venue (see the Website of PAKDD-05). There are also many good restaurants around Melia Hanoi Hotel, which is located in the centre of the city.

Sponsor: (tentative list)

Vietnamese Academy of Science and Technology (VAST) Vietnam Ministry of Science and Technology (MoST) Vietnam Ministry of Education and Training (MoET) Vietnam National University, Hanoi (VNUH) Hanoi University of Technology (HUT) Others

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Welcome to Hanoi and Vietnam

Hanoi, the capital of Vietnam with a millennium-long history, has become one of the most beguiling cities in Asia. The city located in the Red River Delta in the center of North Vietnam has a lovely landscape of lakes, shaded boulevards, verdant public parks, colonial French houses and astounding modern skyscrapers. Hanoi is political and cultural center of Vietnam, gathered with the intellectual human resources of the country.



World heritage-designated *Ha Long Bay* lies in the northeastern part of Vietnam and is 165 km from Hanoi. One of the main attractions of Ha long is the bay's calm water and the thousands of limestone mountains dotting the seascape.

PAKDD-05 is organized by



