2003年12月23日(星期二)14:00-17:30
在人民大学多媒体教学楼(教学4楼)4102教室举行学术报告会，敬请光临

报告会主题

How to Conduct Quality Research and Compete in Good Database/KDD Forums?

执行主席：孟小峰，人民大学信息学院教授

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特邀讲者：裴健，博士，Assistant Professor，the State University of New York

报告内容

1. Why and what is database/KDD research?
   • Practice/industry/problem driven
   • Solving problems in data/information collection and management, knowledge extraction
   • Theoretical versus experimental research

2. How to select a topic?
   • How to follow previous studies?
   • How to create my own topic?
   • How can I know whether a topic is meaningful and promising?

3. How to conduct quality research?
   • Research = Re-Search
   • Searching for the technical beauty
   • Identifying the rivals
   • How to conduct experiments and performance studies
   • How to handle related work?

4. Writing, not just about English
   • Intuition: the most important aspect
   • How to motivate readers
   • Breadth-first search or depth-first search? Dealing with technical details
   • How to present an example?
   • How to present experimental results

5. Which conference to send?
   • Something about the major database/data mining conferences
   • Selecting a right target
   • Ha, my paper was accepted! But, how to handle reviewers’ comments?
   • How to recycle a paper for the next try?

6. What beyond a conference paper?
   • What are the differences between conference paper and journal paper?
   • How to make “major value added” for journal paper?
   • How to generate significant extensions and further development from a paper? How to avoid triviality?

7. Summary and open discussion
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### 讲者简介:

**Haixun Wang** is currently a research staff member at IBM T. J. Watson Research Center. He received the B.S. and the M.S. degree, both in computer science, from Shanghai Jiao Tong University in 1994 and 1996. He received the Ph.D. degree in computer science from the University of California, Los Angeles in 2000. He has published more than 40 research papers in referred international journals and conference proceedings (VLDB, SIGMOD, ICDE, etc.). He is a member of the ACM, the ACM SIGMOD, the ACM SIGKDD, and the IEEE Computer Society. He has served in program committees of international conferences and workshops, and has been a reviewer for some leading academic journals in the database field.

**Jian Pei** received the B. Eng. and the M. Eng. degrees, both in Computer Science, from Shanghai Jiao Tong University, China, in 1991 and 1993, respectively, and the Ph.D. degree in Computing Science from Simon Fraser University, Canada, in 2002. He was a Ph.D. candidate in Peking University in 1997-1999. He is currently an Assistant Professor of Computer Science and Engineering, the State University of New York at Buffalo, USA. His research interests include data mining, data warehousing, online analytical processing, database systems, and bio-informatics. His current research is supported in part by the National Science Foundation (NSF). He has published over 40 research papers in refereed journals, conferences, and workshops. He has served in the program committees of over 30 international conferences and workshops. He has been a reviewer for some leading academic journals. He is a member of the ACM, the ACM SIGMOD, the ACM SIGKDD and the IEEE Computer Society. He is a guest area editor of the Journal of Computer Science and Technology.