

Editorial: AE Introduction

Philip S. Yu

It is my great pleasure to introduce four new members of the Editorial Board of *TKDE*: Professor Christos Faloutsos, Dr. Nick Koudas, Professor Ke Wang, and Professor Gerhard Weikum. They are internationally known and highly regarded for their work on knowledge and data engineering. We are very fortunate to have their services for the journal.

At the same time, I would like to thank the retiring *TKDE* editor, Professor Pradip Srimani, who has dedicated his time to manage papers over the past four years.

Philip S. Yu
Editor-in-Chief



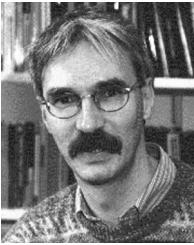
Christos Faloutsos is a professor at Carnegie Mellon University. He has received the Presidential Young Investigator Award by the US National Science Foundation (1989), four “best paper” awards (SIGMOD ‘94, VLDB ‘97, KDD ‘01 runner-up, Performance ‘02 best student paper), and four teaching awards. He is a member of the executive committee of SIGKDD; he has published more than 120 refereed articles, one monograph, and holds four patents. His research interests include data mining for streams and networks, fractals, indexing methods for spatial and multimedia bases, and database performance.



Nick Koudas received the BTech degree from the University of Patras in Greece, the MSc degree from the University of Maryland at College Park, and the PhD degree from the University of Toronto. He is a principal member of technical staff at AT&T Labs research. He was an associate information editor for *SIGMOD online* (from 1998 until 2003) and serves as an associate editor for the *Information Systems Journal* (since 2000). He received the 1998 IEEE International Conference on Data Engineering Best Paper award. He has served on the program committees of various database conferences including ACM SIGMOD, VLDB, IEEE ICDE, and EDBT. He is also a referee for various journals including the *Journal of the ACM*, *VLDB Journal*, *ACM Transactions on Database Systems*, and *IEEE Transactions of Knowledge and Data Engineering*. He has served on the undergraduate student awards committee of SIGMOD 2001, as an online proceedings editor of SIGMOD 2000, and he is serving as the local arrangements chair of the International Conference on Very Large Databases 2004. Dr. Koudas has taught courses related to data management at the University of Maryland College Park, the University of Toronto, and Columbia University. His research interests include, stream data processing, XML databases, relational databases (advanced indexing, query optimization, advanced query models), and data management in networking. He holds more than 10 patents in the above areas.



Ke Wang received the PhD degree from the Georgia Institute of Technology in 1986. He is an associate professor in the School of Computing Science at Simon Fraser University. His research interests include data mining and knowledge discovery, machine learning, subjective interestingness, and emerging applications (e.g., profit mining, biomining, web mining), with recent interests on techniques that emphasize the end use. Dr. Wang has published in major database and data mining conference such as SIGMOD, VLDB, ICDE, SIGKDD, SDM, and ICDM, and served program committees for several international conferences including DASFAA, ICDM, PAKDD, SIGKDD, and VLDB. A detailed publication list and resume can be found at <http://www.cs.sfu.ca/~wangk>.



Gerhard Weikum received the diploma and doctoral degrees from the University of Darmstadt, Germany, in 1982 and 1986, respectively. Since April 1994, he has been a full professor in the Department of Computer Science at the University of the Saarland at Saarbruecken, Germany, where he is leading a research group on database systems and information systems. Previously, he held positions at ETH Zurich, Switzerland, and with MCC in Austin, Texas, and he was a visiting senior researcher at Microsoft Research in Redmond, Washington. Dr. Weikum's recent working areas include implementation and optimization aspects of distributed information servers, dependable workflow management, and intelligent search of semistructured data. He has published more than 100 refereed articles in conferences and journals, and received several best paper awards including the VLDB 2002 10-year award for the most influential paper of the 1992 VLDB conference. Dr. Weikum has served on the editorial boards of various journals, including *ACM TODS*, and as program committee chair for various international conferences including the IEEE CS Data Engineering Conference in 2000 and the ACM SIGMOD Conference in 2004. He is vice-president of the board of trustees of the VLDB Endowment.