CALL FOR PARTICIPATION

13th International Conference on

Data Engineering

April 7 - 11, 1997

University of Birmingham, Birmingham, UK

Sponsored by the IEEE Computer Society

Data Engineering deals with the use of engineering disciplines in the design, development and evaluation of information systems for different computing platforms and architectures. The 13th Data Engineering Conference will provide a forum for the sharing of original research results and practical engineering experiences among researchers and practitioners interested in all aspects of data engineering and knowledge management. The purpose of the conference is to share solutions to problems that face our information-oriented society and to identify new challenges and directions for future research.

Current Information

Up-to-date information on the 13th International Conference on Data Engineering, including advance program, conference registration, and hotel information and reservations can be found at the ICDE-97 conference WWW sites:

USA WWW Site:
http://www.cse.ogi.edu/icde97/

European WWW Site:
http://www.scit.wlv.ac.uk/icde97/

Organizing Committee

General Co-Chairs:
Mike Jackson
University of Wolverhampton, UK

Calton Pu
Oregon Graduate Institute, USA

Program Co-Chairs:
Alex Gray
University of Wales, Cardiff, UK

Paul Larson
Microsoft Corporation, USA

Industrial Program Chair:
Jose Blakely
Microsoft Corporation, USA

Panel Program Chair:
Wolfgang Klas
University of Ulm, Germany

Tutorial Program Co-Chairs:
Ming-Syan Chen, National Taiwan University, Taiwan, ROC

Carole Goble
University of Manchester, UK

Invited Speakers

Invited presentations by Bill Baker (Microsoft): "*Universal Access Versus Universal Storage*" and Malcolm Atkinson (University of Glasgow): "*Java and Databases: persistence, orthogonality, and independence*".

Research Program Sessions

Object Schemas and Versions

Mobile Computing

Managing Video Data

OLAP and Data Mining

Data Warehousing and Data Mining

Indexing and Prefetching in OOBDMS

Transaction Management

Database Interoperability

Query Processing

Performance Issues

Spatial Databases and GIS

Scalability in Distributed Systems

Real-time Databases and Concurrency

Data Modeling

Dynamic Roles and Moving Objects

Industrial Program Sessions

Multimedia Application Requirements

Data Warehousing, client side

Data Warehousing, server side

New Hardware Platforms (clusters)

Panels

This year's conference features a number of panels featuring lively discussion and debate by technical innovators. Panels discussions include: "*Database Research: lead, follow, or get out of the way?*", "*Nomadic and Mobile Computing*", "*OO or Object-Relational: which way to go?*", "*Data Mining: where is it heading*", "*Databases and the Web: what's in it for the databases?*", and "*Temporal Databases: is TSQL a mistake?*".

Tutorials

The conference also features 6 half-day tutorials, held April 7 and April 8.

"*CORBA and Distributed Object Technologies,*" Sean Baker, Iona Technologies, Eire. Monday morning, April 7.

"*Workflow Management Systems: Programming, Architecture, Commercial Products,*" Berthold Reinwald, IBM Almaden. Monday afternoon, April 7.

"*Intelligent Agents*," Michael Wooldridge, Mitsubishi, UK and Nicholas Jennings, Queen Mary & Westfield College, London UK. Monday afternoon, April 7.

"*Databases and the World Wide Web,*" Marianne Winslett, University of Illinois, USA. Tuesday morning, April 8.

"*Geographical Information Systems*," Hanan Samet, University of Maryland, USA. Tuesday afternoon, April 8.

"*Integration of Data Mining and Data Warehousing Technologies,*" Jiawei Han, University of British Columbia, Canada. Tuesday afternoon, April 8.