

Table of Contents

Invited Papers

Precision in Processing Data from Heterogeneous Resources (Invited Paper)	1
<i>G.Wiederhold (Stanford University)</i>	
Just-in-Time Information: To Push or Not to Push (Abstract)	19
<i>S.Chakravarthy (University of Texas at Arlington)</i>	

Performance and Optimisation

Using Space-Filling Curves for Multi-dimensional Indexing	20
<i>J.K.Lawder, P.J.H.King (Birkbeck College)</i>	
A Multi-query Optimizer for Monet	36
<i>S.Manegold, A.Pellenkoft, M.Kersten (CWI)</i>	
Join Order Selection — Good Enough Is Easy	51
<i>F.Waas, A.Pellenkoft (CWI)</i>	

User Requirements on Large Systems

A User-centric View of Data Warehouse Maintenance Issues	68
<i>H.Engström (University of Skövde), S.Chakravarthy (University of Texas at Arlington), B.J.Lings (University of Exeter)</i>	
VESPA: A Benchmark for Vector Spatial Databases	81
<i>N.W.Paton (University of Manchester), M.H.Williams, K.Dietrich, O.Liew, A.Dinn, A.Patrick (Heriot-Watt University)</i>	
Collection Views: Dynamically Composed Views which Inherit Behaviour	102
<i>P.M.D.Gray, G.J.L.Kemp, P.Brunschwig, S.Embury (University of Aberdeen)</i>	

Distributed Transactions

Global Transaction Termination Rules in Composite Database Systems	122
<i>C.Türker (ETZ Zürich), K.Schwarz (UBS AG), G.Saake (Otto-von-Guericke-Universität Magdeburg)</i>	
A Review of Multidatabase Transactions on The Web: From the ACID to the SACReD	140
<i>M.Younas, B.Eaglestone (University of Sheffield), R.Holton (University of Bradford)</i>	

A Publish/Subscribe Framework: Push Technology in E-Commerce 153
E.C.Cheng (Stanford University), G.Loizou (Birkbeck College)

Invited Paper

Characterizing Data Provenance (Abstract) 171
P.Buneman (University of Pennsylvania)

Interoperability Using XML

A Grammar Based Model for XML Schema Integration 172
R.Behrens (Medizinische Universität zu Lübeck)

CORBA and XML: Design Choices for Database Federations 191
G.J.L.Kemp, C.J.Robertson, P.M.D.Gray, N.Angelopoulos (University of Aberdeen)

Rewriting XQL Queries on XML Repositories 209
P.T.Wood (King's College London)

Author Index 227

Advances in Databases

17th British National Conference on Databases, BNCOD

17 Exeter, UK, July 3-5, 2000 Proceedings

Lings, B.; Jeffery, K. (Eds.)

2000, X, 226 p., Softcover

ISBN: 978-3-540-67743-7