

Lecture Notes in Computer Science

978

Edited by G. Goos, J. Hartmanis and J. van Leeuwen

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Database and Expert Systems Applications

6th International Conference, DEXA '95
London, United Kingdom, September 4-8, 1995
Proceedings



Springer

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Cataloging-in-Publication data applied for

Die Deutsche Bibliothek - CIP-Einheitsaufnahme

Database and expert systems applications : 6th international conference ; proceedings / DEXA '95, London, United Kingdom, September 4 - 8, 1995. Norman Revell ; A Min Tjoa (ed.). - Berlin ; Heidelberg ; New York ; Barcelona ; Budapest ; Hong Kong ; London ; Milan ; Paris ; Tokyo : Springer, 1995 (Lecture notes in computer science ; Vol. 978)

ISBN 3-540-60303-4

NE: Revell, Norman [Hrsg.]; DEXA <6, 1995, London>; GT

CR Subject Classification (1991): H.2, H.4, H.5.2, I.2.1, I.2.4-5, H.3

ISBN 3-540-60303-4 Springer-Verlag Berlin Heidelberg New York

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Printed in Germany

Typesetting: Camera-ready by author

SPIN 10485626 06/3142 - 5 4 3 2 1 0 Printed on acid-free paper

Preface

The Database and Expert Systems Applications (DEXA) conferences are thought as a platform for the exchange of ideas, experiences and opinions among theoreticians and practitioners and for defining requirements for the future systems in the areas of database and artificial intelligence technologies.

The scope of the papers covers the most recent and relevant topics of database and AI-systems. The sessions are primarily devoted to object-oriented databases, object-oriented modelling, parallel and distributed systems, information retrieval, extended relational databases, expert and knowledge based systems, physical aspects, theoretical aspects and advanced applications. This volume contains 60 papers selected by the Programme Committee from a total of nearly 200 submissions.

DEXA '95 is the 6th annual conference after Vienna, Berlin, Valencia, Prague and Athens. In this year the DEXA takes place in London at Middlesex University in the United Kingdom.

We would like to express our thanks to all institutions actively supporting this event, namely to:

- Middlesex University London, UK
- DEXA-Association
- Austrian Computer Society
- GI (Gesellschaft für Informatik)
- Research Institute for Applied Knowledge Processing (FAW), Linz
- CMF Group Ltd., London

Many persons contributed numerous hours to organize this conference. The names of most of them will appear on the following pages.

Special thanks go to Gabriela Wagner (FAW Linz), Rosanna Löw (Technical University of Vienna), S. Griffin, D. Humm, J. MacDonalds (Middlesex University in UK) and to the panel chair Gerald Quirchmayr. Many thanks to all members of the PC and others who have reviewed very carefully the submitted papers.

July 1995

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