OOIS 2000

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Proceedings

Edited by
Dilip Patel
South Bank University, London, UK
Islam Choudhury
London Guildhall University, London, UK
Shushma Patel
South Bank University, London, UK
Sergio de Cesare
Brunel University, London, UK

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Dilip Patel
School of Computing, Information Systems and Mathematics,
South Bank University, 103 Borough Road, London, UK

Islam Choudhury
School of Computing, London Guildhall University, 100 Minories, London, UK

Shushma Patel
School of Computing, Information Systems and Mathematics,
South Bank University, 103 Borough Road, London, UK

Sergio de Cesare
Department of Information Systems and Computing, Brunel University,
Uxbridge, London, UK

Preface

New object-oriented technologies have been conceived and implemented over the past decade in order to manage complexity inherent in information systems development. Research has spanned from information systems modelling languages (UML and OML) to databases (ODMG), from programming languages (Java) to middleware technology (CORBA). A more widespread use of the Internet has led to the emergence and integration of various other technologies, such as XML and database connectivity tools, allowing businesses to access and exchange information over the Internet. The main theme of OOIS 2000 was "Object-Technology and New Business Opportunities" and focused on research conducted in the area of effective information systems development for the promotion of e-commerce. Papers were invited from academics and practitioners. The thirty-nine papers accepted for OOIS 2000 are included in these proceedings. It is nice to see this year that the shift from centralised to distributed systems and the widespread access and use of the Internet has allowed the advent of new opportunities for businesses to exploit, in the form of e-commerce.

The papers included in the proceedings embrace the above themes and have been presented in the following categories:

- Databases and Programming Issues
- Modelling and Design Issues
- Electronic Commerce
- XML and CORBA Issues
- UML and Modelling Issues
- Architectures, Patterns and Visualisation
- Measurements

During the preparation of this conference many people contributed towards the success of OOIS 2000. We would like to acknowledge the hard work of the programme committee and additional reviewers in reviewing the papers with a very short turn around time. We are indebted to the staff and research students from the Centre for Information and Organisation Studies at South Bank University who have contributed enormously in terms of time and effort. Our gratitude goes to the organising committee. Last but not least we would like to thank Rebecca Mowat at Springer-Verlag for her patience with us.

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