

Robert Hirschfeld, Andreas Polze, and Ryszard Kowalczyk (Hrsg.)

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NODe 2006

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Volume Editors

Robert Hirschfeld

Hasso-Plattner-Institute, University of Potsdam, Germany

Email: hirschfeld@hpi.uni-potsdam.de

Andreas Polze

Hasso-Plattner-Institute, University of Potsdam, Germany

Email: andreas.polze@hpi.uni-potsdam.de

Ryszard Kowalczyk

Swinburne University of Technology, Australia

Email: rkowalczyk@it.swin.edu.au

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Preface to NODe 2006

NODe 2006 presents novel work in the areas of methods, models, languages, and tools for efficient, reliable and adaptive composition of software artifacts. The conference reflects recent developments in information and communication technologies that have substantially changed the nature of global relationships, sources of competitive advantage, and opportunities for economic and social development. These changes pose increasingly complex challenges to the computer science community in general and the software community in particular.

This volume includes the proceedings of the seventh NODe, held in Erfurt, Germany, September 18-20, 2006. This year's conference had a strong focus on aspect-oriented programming, object-oriented software development, and systems building. As the result of the thorough peer review process, eight out of 15 papers were accepted for presentation and publication. Each paper has been reviewed by at least three members of the program committee and assessed by the conference chairs. The papers selected present some of the most interesting latest developments in the areas of software engineering methods, models, languages, and tools.

We would like to take this opportunity to thank all members of the program committee for their excellent work, effort, and support in ensuring the successful outcomes of the NODe 2006 conference. The editors would like to thank the German Computer Science Society's Special Interest Group on Development Methods for Information Systems and their Application (EMISA) for its support in creating the proceedings. Special thanks go to Sabine Wagner and Kirsten Paradies for providing administrative support.

Potsdam, August 2006

Robert Hirschfeld
Andreas Polze

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Preface to GSEM 2006

This volume consists of proceedings of the Second International conference on Grid Services Engineering and Management (GSEM 2006) that was held in conjunction with the 7th International Conference Net.ObjectDays 2006 (NODE 2006) in Erfurt, Germany on 18.-20. September 2006.

The Grid has emerged as a global platform to support on-demand virtual organizations for coordinated sharing of distributed data, applications and processes. Service orientation of the Grid also makes it a promising platform for seamless and dynamic development, integration and deployment of service-oriented applications. The application components can be discovered, composed and delivered within a Grid of services, which are loosely coupled to create dynamic business processes and agile applications spanning organizations and computing platforms. The technologies contributing to such Grids of services include Web Services, Semantic Web, Grid Computing, Component Software, and Agent Technology.

The GSEM 2006 conference provided an international forum for presenting the latest theoretical and practical results in technology solutions for engineering and management of Grid services and service-oriented applications. The conference aimed at bringing together researchers and practitioners from diverse fields and interests, including Web Services, Semantic Web, Grid infrastructures, software components, workflow, agent technologies and service management, and those looking for new business and research cooperation opportunities in the area of Grid services and service-oriented applications.

These proceedings present the 9 best papers accepted at GSEM 2006 as a result of the thorough peer review process. Almost 30 submissions were reviewed by at least three members of the international program committee and assessed by the conference chairs. The final acceptance decisions were based on the technical merits and quality of submissions. The papers selected for presentation at the conference present some of the most interesting latest developments in the areas of architecture, composition, security and management of grid services.

We would like to take this opportunity to thank all members of the International Program Committee for their excellent work, effort, and support in ensuring the high-quality program and successful outcomes of the GSEM 2006 conference. Finally, our thanks go to the German Computer Society (Gesellschaft für Informatik) for their cooperation and help in putting this volume together.

Potsdam and Swinburne, 2006

Andreas Polze
Ryszard Kowalczyk

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