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Subhash Bhalla (Ed.)

Databases in Networked Information Systems

5th International Workshop, DNIS 2007
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Proceedings

Volume Editor

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Preface

Information systems in transportation, health-care and public utility services depend on computing infrastructure. Many research efforts are being made in related areas, such as wireless computing, data warehousing, stream processing, text-based computing, and information access by Web users. Government agencies in many countries plan to launch facilities in education, health-care and information support as e-government initiatives. In this context, Web content and query interface adaptation for ubiquitous access to data resources has become an active research field. A number of new opportunities have evolved in design and modeling based on the new computing needs of users. Database systems play a central role in supporting networked information systems for access and storage management aspects.

The fifth international workshop on Databases in Networked Information Systems (DNIS 2007) was held on October 17–19, 2007 at the University of Aizu in Japan. The workshop program included research contributions and invited contributions. A view of research activity in geospatial decision making and related research issues was provided by the session on this topic. The invited talk was given by Dr. Cyrus Shahabi. The workshop session on Web Data Management Systems included invited papers by Prof. Masahito Hirakawa and Dr. Gao Cong. The sessions on Networked Information Systems included the invited contributions by Prof. Divyakant Agrawal and Prof. Krithi Ramamritham. I would like to thank the members of the Program Committee for their support and all the authors who submitted their papers to DNIS 2007.

The sponsoring organizations and the organizing committee deserve praise for the support they provided. A number of individuals contributed to the success of the workshop. I thank Dr. Umeshwar Dayal, Dr. Meichun Hsu, Prof. D. Agrawal, Prof. Krithi Ramamritham, and Dr. Cyrus Shahabi for providing continuous support and encouragement.

The workshop received invaluable support from the University of Aizu. In this context, I would like to thank Prof. Tsunoyama, President of the University of Aizu. I would also like to thank Prof. Sedukhin, Head of Department of Computer Software, for making the support available. I express my gratitude to the members and chairman of the International Affairs Committee, for supporting the workshop proposal. Many thanks also to the faculty members at the university for their cooperation and support.

August 2007

Subhash Bhalla

Organization

DNIS 2007 was organized by the Database Systems Laboratory, University of Aizu, Aizu-Wakamatsu City, Fukushima, (PO 965-8580) Japan.

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