Preface

Welcome to the proceedings of the 1st International Conference on Network-Based Information Systems (NBiS-2007), in conjunction with the 18th International Conference on Database and Expert Systems Applications DEXA-2007, which was held in Regensburg, Germany, September 3–4, 2007.

The main objective of NBiS-2007 was to bring together scientists, engineers, and researchers from both network systems and information systems with the aim of encouraging the exchange of ideas, opinions, and experience between these two communities.

NBiS started as a workshop and for 9 years it was held together with DEXA International Conference and is the oldest among DEXA Workshops. The workshop has been very successful in quantity and quality. We received many paper submissions every year, but as a workshop we could accept only a limited number of papers. This was the first year that NBiS was run as an international conference together with DEXA.

We received 122 research papers from all over the world. The submitted papers were carefully reviewed by at least two reviewers. Based on the review results, the Program Committee members selected 55 high-quality papers to be presented during the NBiS-2007 conference.

Many volunteers kindly helped us to prepare and organize the NBiS-2007 International Conference. First of all, we would like to thank all the authors for submitting their papers, Program Committee members, and reviewers who carried out the most difficult task of evaluating the submitted papers. We would like to thank the DEXA Association for giving us the chance to organize the conference. We would like to express our special thanks to Gabriela Wagner for her kind support and help, and also for dealing with conference registration. We would like to thank Kenichi Watanabe and other students of Takizawa Laboratory, Tokyo Denki University, Japan for their hard and timely work to maintain the Web system, distributing of CFP, dealing with the paper submissions, the paper reviewing process, and sending the notification letters to the authors. In addition, we extend our appreciation to the University of Regensburg as Local Organizers. Finally, we would like to thank all the participants of the conference.

June 2007

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