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Pervasive Computing for Quality of Life Enhancement

5th International Conference On Smart Homes and
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Proceedings

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Preface

This volume of the LNCS series is a collection of papers presented in oral sessions at the Fifth International Conference on Smart Homes and Health Telematics (ICOST 2007) held in the ancient cultural city of Nara, Japan.

ICOST started in 2003 with the theme “Independent living for persons with disabilities and elderly people” and since then we have continuously provided a meeting place where researchers, practitioners, developers, policy makers and users meet to discuss a wide spectrum of research topics related to smart homes and services. Consequently, we feel that the participants of ICOST can share information on the state of the art, exchange and integrate different opinions and open up to collaboration.

Technologies are progressing persistently. Because of this progress, especially in the area of information and communication technologies, we believe that it is time to view the smart home technologies from a wider perspective and we have extended the focus of ICOST 2007 to “Pervasive Computing Perspectives for Quality of Life Enhancement.” This theme has two meanings. One is how to construct pervasive computing environments as a common worldwide technology. The other is to examine in depth the definition of quality of life for different people.

Under the wide conference theme, we received 81 submissions. Through careful reviewing, we accepted 25 papers for oral presentations resulting in an acceptance rate of about 30%. Each paper was reviewed by at least two international reviewers and scored accordingly. Based on the scoring and all review comments, 25 papers were finally accepted to be included in this volume.

We would like to thank the Program Committee members for their hard work in reviewing papers within a very tight time schedule. We greatly appreciate all the Organizing Committee members who devoted their time in preparing and supporting this conference. Also, we would like to thank all the authors, the session chairs, the reviewers and all contributors to this conference who helped make it such a success.

June 2007

Tatsuya Yamazaki

Organization

We would like to acknowledge the support of the Nara Institute of Science and Technology (NAIST), the Commemorative Organization for the Japan World Exposition('70), the Support Center for Advanced Telecommunications Technology Research (SCAT), the Information Processing Society of Japan Kansai Branch, the Kao Foundation for Arts and Sciences, the Nara Convention Bureau, the Institute of Electronics, Information and Communication Engineers (IEICE), and the Research Promotion Council of Keihanna Info-Communication Open Laboratory.

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