

Preface

The rapid growth of the Internet and related services is changing the way we work, act, and even think in a manner that far exceeds the prediction set by field experts not long ago. It is now common belief that the Internet and its various applications covering both hardware appliances and software products will play an increasingly important role in everybody's daily lives. It is also our strong belief that the importance of the collaborative research and development efforts focusing on the Internet among academia, industry, and regulating government bodies cannot be overemphasized.

It is our great pleasure to hold the First International Workshop on Advanced Internet Services and Applications (AISA) 2002. The workshop is aimed to provide an international forum to share new ideas and research results in the area of the list of workshop topics. Under the main theme "Advances in Internet Services and Applications", the workshop topics include QoS architecture, reliability, security, web acceleration, reverse/proxy caching schemes, content delivery network, distributed/fault-tolerant architecture, storage/backup solutions, media and streaming server, switching technology, and home networking. We have solicited papers on these topics and attracted paper submissions from technically renowned organizations.

After an anonymous peer-review procedure, 28 papers that met the workshop scope and standard were finally selected for presentation from among more than 70 submitted papers. The high-quality of the AISA 2002 program would not have been possible without the dedicated cooperation of the organizing and program committees, and all the other field experts who served as reviewers. Our special thanks go to Keumchan Whang who performed a remarkable job as the Program Chair. We would also like to acknowledge the sponsorship of the Ministry of Commerce, Industry, and Energy (MOCIE) of Korea. The MOCIE has also been providing funding for the Development of High-Performance Scalable Web Servers as one of its primary government R&D projects, and we believe the technical excellence of the project and the financial support helped to raise the quality of this workshop to an even higher level. Leading companies, research institutes, and universities in the field of Internet technology, that presented at this workshop are surely the main technical contributors. A total of 12 associated companies, including Samsung Electronics and SsangYong Information and Communication, kindly sponsored this workshop. Finally, we wish to thank the Automation Technology Research Institute of Yonsei University in Korea for supporting this workshop and sharing its invaluable resources for the successful realization of this meaningful event.

Organization

The First International Workshop on Advanced Internet Services and Applications (AISA) 2002 was sponsored by MOCIE (Ministry of Commerce, Industry, and Energy) and Yonsei University, and held August 1–2, 2002, in Seoul, KOREA.

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