

Message from the Program Chairs

The papers in this volume were presented at the 2006 International Symposium on Applications and the Internet (SAINT2006), held in Phoenix, Arizona, U.S.A., January 23-27, 2006. The technical papers were selected from 99 submissions, of which 41 were accepted. Of the 41, 33 were accepted as regular papers and the remaining 8 as short papers. The thematic topics range from: Flow Control and Analysis; Application Technology; Architecture and Network Systems; Communications and Configurations; Pervasive, Mobile and Embedded Systems; Implementation, Protocols, and Routing; Search, Allocation, and Verification techniques; QoS, Algorithms, and VoIP; Design, Ontologies, and Data Mining; and IPv6, Ad-hoc and Sensor Networks. These topics cover the underpinnings of Internet Applications and emerging technologies.

These submissions came from 19 countries all over the world: Japan (37), USA (30), Brazil (5), China (4), Germany (3), Italy (3), UK (3), Canada (2), Belgium (2), France (1), Portugal (1), Spain (1), Australia (1), Finland (1), India (1), Taiwan (1), Netherlands (1), Hungary (1), and Greece (1). Clearly, the SAINT forum has assumed its international character. Each article was reviewed by at least two (mostly three) program committee members. The quality of the papers and the broad range of expertise of the authors points to the maturity of the SAINT series of symposia.

The three-day program consists of 13 technical sessions of which 11 are for the regular papers and 2 for the short papers. These sessions cover the wide range of thematic topics listed above. We are fortunate to have three leading researchers deliver keynote addresses at SAINT2006. Prof. Erol Gelenbe of Imperial College, London, UK, discusses “Towards Autonomic Networks”; Dr. Toru Ishida of Kyoto University, Kyoto, Japan, focuses on “Language Grid: An Infrastructure for Intercultural Collaboration”; and Dr. Robert Dolin of Echelon Corporation, San Jose, California, USA, discusses “Deploying the ‘Internet of Things.’”

The symposium organizers are pleased to have the co-sponsorship of the Information Processing Society of Japan (IPSI) and IEEE Computer Society (IEEE-CS). We also take this opportunity to thank all the authors for submitting their research findings to SAINT2006, without which the meeting would not have been. Much appreciation goes to the technical program committee members for their time and thoughtful reviews, to Prof. Vijay Kumar of University of Missouri-KC, USA, and Prof. Hiroyuki Morikawa of University of Tokyo, Japan, for organizing a quality workshop, to Dr. Krzysztof Walczak of Poznan University of Economics, Poland, and Dr. Masayoshi Ohashi of KDDI Labs., Japan, for assembling panelists of wide-range expertise for intellectual discourse at the meeting, to Dr. Ying Jin of Cal State University, Sacramento, CA, and Prof. Shigeru Miyake of Hitachi, Japan, for publicizing and soliciting manuscripts for the Symposium, to Dr. Frank Tsui of Southern Polytechnic State University, USA, and Jason Meltzer of Multimedia, USA, for managing the registration process, to Dr. Huan Liu of Arizona State University, USA, and Koji Okamura of Kyushu University, Japan, for working closely with the IEEE-CS Press to ensure timely compilation and publication of this proceedings.

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Above all, we would be remiss if we did not mention our gratitude to Bob Werner of IEEE-CS Press for his patience and taking on the onus of getting this proceedings organized, and to press.

Our wish is for all SAINT2006 participants to further support and attend the SAINT2007 meeting, which is set for January 2007 and would be held in Japan.

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