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# Convergence and Hybrid Information Technology

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# Preface

This volume contains 94 out of 196 papers presented at the 6<sup>th</sup> International Conference on Convergence and Hybrid Information Technology (ICHIT) held during August 23–25, 2012, at the Hotel Riviera Yuseong in Daejeon, South Korea. ICHIT is a series of scientific events spanning the last 7 years, placing a special emphasis on new theoretical inspirations and hybrid solutions to complex problems with real-world applications. It investigates the meeting points between a number of areas related to IT research, such as communications and networking, security and safety systems, pattern recognition and information retrieval, data mining and knowledge discovery, as well as soft computing and intelligent systems, to mention a few domains represented this year.

We received 527 paper submissions from over 20 countries. Each paper was reviewed by at least two Chairs or Program Committee members. Author contributions were considered for inclusion into one of two volumes of proceedings; volume one published by Springer in the *Lecture Notes in Computer Science* series and volume two also published by Springer in the *Communications in Computer and Information Science* series. The LNCS volume with 317 papers submitted, and an acceptance ratio below 30%, contains the more scientifically oriented papers, while the CCIS volume with 210 papers submitted, and an acceptance ratio below 50%, contains the more technically oriented papers.

We would like to thank all authors and reviewers for their work and excellent contributions. We are very grateful to Peter M.A. Sloot for accepting our invitation to deliver the keynote talk. We would also like to acknowledge the following organizations and sponsoring institutions: IWIT (Institute of Web-casting, Internet Television and Telecommunication), KIAS (Korea Information Assurance Society), SERC (Security Engineering Research Center), and KIISE (Korea Institute of Information Science and Engineering).

June 2012

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