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Preface

This volume contains 85 out of 179 papers presented at the 5th International Conference on Convergence and Hybrid Information Technology (ICHIT) held during September 22–24, 2011, at the Legend Hotel (Yuseong) in Daejeon, Korea. ICHIT is a series of scientific events spanning the last six years, placing a special emphasis on new theoretical inspirations and hybrid solutions to complex problems with real-world application. 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 467 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 within the *Lecture Notes in Computer Science* series and volume two also published by Springer within the *Communications in Computer and Information Science* series. The LNCS volume with 323 papers submitted, and an acceptance ratio below 30%, contains the more scientifically oriented papers, while the CCIS volume with 144 papers submitted, and an acceptance ratio below 60%, contains the more technically oriented papers.

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July 2011

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