Future Information Technology, Application, and Service

FutureTech 2012 Volume 2
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On behalf of the organizing committees, it is our pleasure to welcome you to the 7th FTRA International Conference on Future Information Technology (FutureTech 2012), will be held in Vancouver, Canada, June 26–28, 2012.

FutureTech 2012 is the next edition of FutureTech 2011 (Loutraki, Greece), FutureTech 2010 (Busan, Korea, May 2010) which was the next event in a series of highly successful the International Symposium on Ubiquitous Applications & Security Services (UASS-09, USA, Jan. 2009), previously held as UASS-08 (Okinawa, Japan, Mar. 2008), UASS-07 (Kuala Lumpur, Malaysia, August, 2007), and UASS-06 (Glasgow, Scotland, UK, May, 2006).

Future technology information technology would stand for all of continuously evolving and converging information technologies, including digital convergence, multimedia convergence, intelligent applications, embedded systems, mobile and wireless communications, bio-inspired computing, grid and cloud computing, semantic web, user experience and HCI, security and trust computing and so on, for satisfying our ever-changing needs.

We also sincerely thank all our chairs and committees, and these are listed in the following pages. Without their hard work, the success of FutureTech 2012 would not have been possible. We hope you find FutureTech 2012 enjoyable and please let us know any suggestions for improvement.

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Victor Leung, University of British Columbia, Canada
C.S. Raghavendra, University of Southern California, USA
FutureTech 2012 General Chairs
Welcome to the 7th FTRA International Conference on Future Information Technology (FutureTech 2012) will be held in Vancouver, Canada, June 26–28, 2012.

Our conference is intended to foster the dissemination of state-of-the-art research in all future IT areas, including their models, services, and novel applications associated with their utilization. FutureTech 2012 will foster state-of-the-art research in the area of converging information technologies, including digital convergence, multimedia convergence, intelligent applications, embedded systems, mobile and wireless communications, bio-inspired computing, grid and cloud computing, semantic web, user experience and HCI, security and trust computing as well as algorithms and performance evaluation and measurement in Future Computing. The FutureTech 2012 will also provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of convergence future computing technologies and applications.

Due to many high quality paper submissions and the lack of space in proceedings, the review process was very tough and we had no choice but to reject several good papers. Each paper was accessed by at least three peer reviewers. In summary the respective calls for papers attracted a total of 266 submissions out of which 92 papers were selected for presentation with 34% acceptance rate and are included in this volume.

Finally, we would like to thank you all for your participation in our conference, and thank all the authors, reviewers and organizing committee members.

Thank you and enjoy the conference!

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