Preface

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Biographical notes: Sufyan T. Faraj Al-Janabi obtained his BSc (1992), MSc (1995), and PhD (1999) in Electronic and Communications Engineering from the College of Engineering, Nahrain University in Baghdad. He started as a staff member in Computer Engineering Dept., University of Baghdad in 1999. Then he became the Head of that department in 2001. In May 2004 he became the Dean of College of Information Technology, Nahrain University. He became the Dean of College of Computers, University of Anbar in July 2006. His research interests include internet protocols, information security, and quantum cryptography. He is a member of ACM, ASEE, IACR, and IEEE.

Jawad K. Ali obtained the BSc in Electrical Engineering (1979) and the MSc in Microwaves (1986). He then became the Professor of Microwave Engineering at the Department of Electrical Engineering, University of Technology, Baghdad (2010). He published more than 60 research papers. He participated in the translation of four books in the fields of microwave and radar engineering into Arabic. In 2011, he was awarded by the Ministry Higher Education and Scientific Research Shield in recognition of the efforts in scientific research. He is a member of IEEE and IET.

It is our honour to edit and introduce you this special issue of the *International Journal of Reasoning-based Intelligent Systems* (*IJRIS*) that is dedicated to some selected papers of the Second Conference on Computer and Information Technology (CCIT 2012), organised by the College of Computer, University of Anbar on 4–5 April 2012 in Ramadi, Iraq with the sponsorship of the IEEE Iraq Section. This conference covers a mix of topics aimed to address current research issues in the design, engineering and adoption of Computer and Information Technology.

CCIT 2012 (http://www.ccitiraq.org/) is the second version of the CCIT periodic conference series, where the first version of it was held in Ramadi, Iraq in 2008. This time around, the Conference Committees received more than 100 research papers in different conference tracks. Authors from countries in Asia, Africa, and the USA had submitted their papers to CCIT 2012 in addition to author from various Iraqi universities. The papers were peer-reviewed by Iraqi and international scholars according to international academic standards, whereby 62 papers were approved with a final acceptance ratio of about 58%. CCIT

2012 conference comprised an exciting spectrum of highly stimulating tracks such as: technology enhanced learning, AI and expert systems, e-business and e-government, data warehouse and data mining, algorithms and software engineering, multimedia and image processing, cryptography and information security, networking and wireless environments, web and mobile applications, and e-systems engineering.

Among the 62 accepted papers in CCIT 2012, 14 papers have been selected to be published in this special issue of *IJRIS* (http://www.inderscience.com/ijris). The main aim of this special issue is intended to serve as a forum for researchers and developers to exchange ideas and results for the advancement of computer and information technology.

Finally, we would like to thank all authors who have submitted their papers to this issue and all reviewers for their invaluable contribution to the reviewing process. Our thanks are extended to all *IJRIS* editorial and operational teams for the invaluable support. We hope that the readers of this issue would enjoy reading and find it useful in their future research.