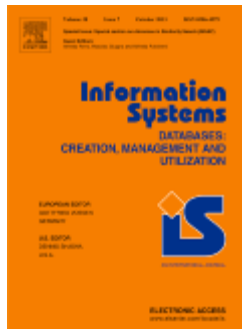


Special Issue Proposal



Information Systems

ISSN Print: 1748-1279

Special Issue on: Advanced and Applied Convergence

Aim and Scope

This special issue on “Advanced and Applied Convergence” aims to highlight and present the advanced smart convergence issues of all academic and industrial fields in global environments, which provides a chance for academic and industry professionals to discuss recent progress in these areas, through the publication of original research papers. These papers present the original and novel findings as well as important results along with various articles that have the greatest possible impact on various disciplines from the wide areas of Advanced Smart Convergence (ASC).

Topics

Topics of relevance include but are not limited to the following areas. Excellent surveying works in these areas are welcome too.

- Telecommunication Information Technology (TIT)
- Human-Machine Interaction Technology (HIT)
- Nano Information Technology (NIT)
- Culture Information Technology (CIT)
- Bio and medical Information Technology (BIT)
- Environmental Information Technology (EIT)

All papers will go through a blind-review process. The Guest Editor will make acceptance recommendations to the Editor in Chief, who will make the final decision.

Guest Editors and Editorial Board

- Guest Editors

Prof. Fawwaz T. Ulaby	Affiliation	University of Michigan, USA
	E-mail	ulaby@umich.edu
Prof. Yang Xiao	Affiliation	The University of Alabama, USA
	E-mail	yangxiao@ieee.org
Prof. Wee-Sang Park	Affiliation	Pohang University of Science & Technology, Korea
	E-mail	wsp@postech.ac.kr
Prof. Byungjoo Park	Affiliation	Hannam University
	E-mail	vero0625@hotmail.com bjpark@hnu.kr
Sunguk Lee, Ph.D.	Affiliation	Research Institute of Industrial Science and Technology
	E-mail	sunguk@rist.re.kr
Prof. Haniph Latchman	Affiliation	Laboratory for Information Systems and Telecommunications Research Laboratory for Control System and Avionics IEEE Transactions on Education
	E-mail	latchman@list.ufl.edu

- Guest Editor's Short Bio -

Prof. Fawwaz T. Ulaby, IEEE Fellow

Professor Fawwaz T. Ulaby was the founding Provost and Executive Vice President for Academic Affairs of the [King Abdullah University of Science and Technology](http://www.kaust.edu.sa) (KAUST), a graduate research university under development along the Red Sea in Saudi Arabia. Prior to assuming this position, Professor Ulaby was the R. Jamison and Betty Williams Professor of Electrical Engineering and Computer Science at the University of Michigan, where he had also served as Vice President for Research (1999–2005). In April of 2009, he returned to the University of Michigan as the Arthur Thurnau Professor of EECS. He is a member of the National Academy of Engineering, Fellow of IEEE and AAAS, and serves on several scientific boards and commissions.

Since joining the University of Michigan faculty in 1984, Professor Ulaby has directed numerous interdisciplinary, NASA-funded projects aimed at the development of high-resolution satellite radar sensors for mapping Earth's terrestrial environment. He also served as the founding Director of a NASA-funded Center for Space Terahertz Technology, whose research was aimed at the development of microelectronic devices and circuits that operate at wavelengths intermediate between the infrared and the microwave regions of the electromagnetic spectrum. Over his

academic career, he has supervised 115 highly motivated and talented graduate students.

Prof. Yang Xiao

Yang Xiao (SM'04) worked in industry as a MAC (Medium Access Control) architect involving the IEEE 802.11 standard enhancement work before he joined Dept. of Computer Science at The Univ. of Memphis in 2002. Dr. Xiao currently is a professor of [Department of Computer Science](#) at [The University of Alabama](#). He was a voting member of [IEEE 802.11 Working Group](#) from 2001 to 2004. He is an [IEEE](#) Senior Member. He serves as a panelist for [the US National Science Foundation \(NSF\)](#), [Canada Foundation for Innovation \(CFI\)](#)'s Telecommunications expert committee, and [the American Institute of Biological Sciences \(AIBS\)](#), as well as a referee/reviewer for many national and international funding agencies. His research areas are [security and communications/networks](#). He has published more than 200 refereed journal papers (including [50 IEEE/ACM transactions papers](#)) and over 200 refereed conference papers and book chapters related to these research areas. Dr. Xiao research has been supported by [the US National Science Foundation \(NSF\)](#), U.S. Army Research, The Global Environment for Network Innovations (GENI), Fleet Industrial Supply Center-San Diego (FISCSD), FIATECH, and The University of Alabama's Research Grants Committee. He currently serves as Editor-in-Chief for [International Journal of Security and Networks \(IJSN\)](#) and [International Journal of Sensor Networks \(IJSNet\)](#) (SCI-index). He was the founding Editor-in-Chief for *International Journal of Telemedicine and Applications (IJTA)* (2007-2009). Dr. Xiao had directed [8 doctoral dissertations](#) in the past and is currently supervising [7 Ph.D. students/candidates](#) in computer security and networking areas. Dr. Xiao also supervised 19 M.S. graduates in the past.

Prof. Wee Sang Park, IEEE member

Professor Wee Sang Park joined the Pohang University of Science and Technology, Republic of Korea, in 1988 and is currently a full professor in the Department of Electrical Engineering. He graduated from Seoul National University with a BS degree in electronic engineering in 1974. He received his graduate education in electrical engineering from the University of Wisconsin-Madison, USA, with an MS in 1982 and a Ph.D. in 1986. He briefly taught at Wichita State University, Kansas, for two years after graduation. In 1997 he was on a sabbatical leave at the University of Utah working on the electromagnetic energy absorption in the human head. Since 1995, he has been director of the Antenna Laboratory, POSTECH, and has conducted research on the subjects of small antennas, metamaterial antennas, dielectric constant measurement, frequency selective surfaces, microstrip patch antennas, wireless power transfer, RFID, and helical antennas. Dr. Park has published more than 130 international journal and conference papers. He holds five US patents and twenty eight Korean patents. Professor Park is currently the editor-in-chief of the Journal of Advanced Smart Convergence, and serves as an advisor for the Institute of Internet, Broadcasting and Communication. Professor Park has been on the international advisory committee of International Symposium on Microwave and Optical Technology since 2001. He was

also on the technical committee of the Radio and Wireless Symposium for three years from 2004. He was a technical adviser for Samsung Electronics in 2005 and 2012.

Prof. Byungjoo Park

Prof. Byungjoo Park received the B.S. degree in electronics engineering from Yonsei University, Seoul, Rep. of Korea in 2002, and the M.S. and Ph.D. degrees (first-class honors) in electrical and computer engineering from University of Florida, Gainesville, USA, in 2004 and 2007, respectively. From June 1, 2007 to February 28, 2009, he was a senior researcher with the IP Network Research Department, KT Network Technology Laboratory, Rep. of Korea. Since March 2, 2009, he has been a Professor in the Department of Multimedia Engineering at Hannam University, Daejeon, Korea. He is a member of the IEEE, IEICE, IEEK, KICS, and KIISE. Also, He is a Director of the Culture Design Engineering Institute. His primary research interests include theory and application of mobile computing, including protocol design and performance analysis in next generation wireless/mobile networks. He is an honor society member of Tau Beta Pi and Eta Kappa Nu. His email address is vero0625@hotmail.com, bjpark@hnu.kr.

Sunguk Lee, Ph.D.

Sunguk Lee, Ph.D. received the B.S. degree in electronics engineering from Kyungpook National University, Daegu, Rep. of Korea in 1998, and the M.S. and Ph.D. degrees in electrical and computer engineering from University of Florida, Gainesville, USA, in 2004 and 2009, respectively. Now, he is a senior researcher with the Security Research Department, Research Institute of Industrial Science and Technology, Rep. of Korea. He is a member of the IEEE and IEICE. His research interests include Home Networks, Security, Database System Management System, Power Line Communication and scalability issues in the next generation management systems. Specially, he is researching the performance of PLC Database system based Network protocols. His email address is sunguk@rist.re.kr

Prof. Haniph Latchman

Prof. Haniph Latchman received the B.S. degree (First Class Honors) from the University of The West Indies, Trinidad and Tobago, in 1981 and the D.Phil. degree from Oxford University, Oxford, UK, in 1986. He was the 1983 Jamaica Rhodes Scholar. He joined the University of Florida, Gainesville, in 1987, where he teaches graduate and undergraduate courses and conducts research in the areas of Control Systems, Communications and Computer Networks and is Director of the Laboratory for Information Systems and Telecommunications and Co-director of the Research Laboratory for Control System and Avionics. He is also an Associate Editor for the IEEE Transactions on Education and served as Guest Editor for Special Issues of the International Journal of Nonlinear and Robust Control, the IEEE Communications Magazine and the International Journal on Communication Systems. Dr. Latchman has received numerous teaching and research awards, including several best-paper awards, the University of Florida Teacher of the

Year Award, Two University-wide Teaching Improvement Program Awards, College of Engineering Teacher of the Year Awards, the IEEE 2000 Undergraduate Teaching Award, and a 2001 Fulbright Fellowship. Dr Latchman is a Senior Member of the IEEE and has published more than 85 technical journal articles and conference proceedings and has given conference presentations in the areas of his research in multivariable and computer control systems and communications and internetworking. He is the author of the books Computer Communication Networks and the Internet (McGraw-Hill, New York) and Linear Control Systems - A First Course (Wiley, New York). His email address is latchman@list.ufl.edu

- Guest Editorial Board

Kwang-Hyung Lee: Korea Advanced Institute of Science and Technology, Korea

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Ju-Young Kim: Seoul National University Hospital, Korea

Expected Dates Schedule (Important Dates)

Paper Submission Deadline	: 30 August 2013
Special Session Proposal	: 16 August 2013
Notification of Acceptance for Special Session	: 25 August 2013
Notification of Acceptance	: 23 September 2013
Camera Ready Submission and Registration Due	: 11 October 2013

Our Special Issue Merits

Our Guest Editorial Board consists of professionals in various fields such as academia, government, and industry. Therefore, our work will be progressing professionally in paper reviews and related works.