Title: Applications and Techniques in Information and Network Security

Background
Information and network security has become an important research and development area for academia, government, and industry. There is a need to ensure that high-quality solutions that address important and emerging security issues are disseminated timely and widely amongst the research community. The proposed special issue will *openly* solicit high-quality papers on the following aspects, but are not limited to:

- Access control
- Anti-Virus and Anti-Worms
- Authentication and Authorization
- Cloud Security
- Computer / Digital Forensics
- Data and System Integrity
- Database Security
- Distributed Systems Security
- Electronic Commerce Security
- Crypto/Security Systems
- Information Hiding and Watermarking
- Intellectual Property Protection
- Intrusion Detection
- Key Management and Key Recovery
- Language-based Security
- Malicious software
- Network Security
- Operating System Security
- Privacy Protection
- Risk Evaluation & Security Certification
- Security for Cyber-physical Systems
- Security for Mobile Computing
- Security Models
- Security Protocols
- Smartphone Security
- Software Security
- Trusted and Trustworthy Computing
- Smartphone Security

Relevance
The theme for the special issue is timely because techniques for information and network security efforts are growing in scope and importance. Information, Communications and Network Security form one of the core topics of interest for Journal of Network. This special issue calls for innovative and high-quality papers describing or demonstrating theory and practice of techniques for information and network security. Therefore, the theme of the special issue also falls within the scope of the Journal of Network.

Call for Papers (CFP)
The special issue editors will actively solicit for contributions of scientific papers that focus on the above special issue theme. The call for paper will be widely distributed through various venues including conferences, user groups, emails, working groups, and online CFP websites.

Handling the reviews of submissions
All submitted papers will be rigorously reviewed for their quality, originality and relevance. To ensure that we can find reviewers for all strong candidates, the editors will select the top 8 to 12 papers—those that are most likely to pass peer review and that cover important topic areas. The editors will provide feedback on each of the papers that do not go into formal review, to give guidance to the author(s) for improvement (the need for tangible results or an actual implementation, for instance) and to explain the reason for the rejection.
**Tentative Schedule**
Submission Deadline: October 15, 2013
Notification of Acceptance: November 15, 2014
Publication date: January 2014.

**Guest Editors**
Guest Editor (Lead editor), Prof. Jemal Abawajy, Deakin Univeristy, Melbourne, Australia
Guest Editor, Dr. Rafiqul Islam, Charles Sturt University, Australia.

JEMAL H. ABAWAJY is a Professor at the School of Information Technology, Deakin University, Australia. He is a senior member of IEEE and leads the Parallel and Distributed Computing Lab at Deakin University. Professor Abawajy is actively involved in funded research and has published over 200 peer-reviewed articles. Professor Abawajy is on the editorial board of several journals and has guest-edited numerous high-ranking journals. Professor Abawajy has been a member of the organizing committee for over 150 international conferences serving in various capacity including chair, general co-chair, vice-chair, best paper award chair, publication chair, session chair and program committee. Prof. Abawajy has guest edited many journal papers including the following special issues:
2. Journal of networks, vol. 7, no. 3, pp. 409-411, Academy Publisher
3. Journal of networks, vol. 6, no. 1, pp. 409-411, Academy Publisher

Dr Rafiqul Islam is a Lecturer in the School of Computing and Mathematics. Dr Islam has 15 years of teaching and research experience at a range of different universities in Australia and overseas. Rafiqul joined CSU in February 2012 after three years at Deakin University. Rafiqul also completed his PhD in Network Security at Deakin University. Rafiqul’s main research interest is IT security using mixed research methodology. Currently he is working on three different research projects - malware analysis and classification, security in cloud and security in smart devices. Through his research activities, he is particularly interested in making a significant contribution in a wide range of ICT; predominantly in IT security, cloud security and cyber security. Dr Islam has previously received two Compact Research Grants from the Faculty of Business. He also has another two applications currently within the approval process. He has also worked on several ARC funded projects including; ARC LP (2008-2011) with Deakin University and CA technology and ARC LP grant (LP130100998, 2013 Round). Rafiqul has published more than 70 peer reviewed research papers in international journals and international conference proceedings. Since his commencement at CSU, he has published four journal papers (ERA rank A) and three international top ranking conference papers. An additional two journal papers are in the process of submission. Rafiqul is an active member of CRiCS, CsRC (CyberSecurity Research Cluster, Deakin University), and the SCM ICT security research group. He has also been involved, as a general chair, workshop chair, TPC member at a number of international conferences and also as a reviewer of different reputed journals. To add to his busy workload, currently Dr Islam is supervising four Doctoral students and one Masters student. Dr Islam also regularly reviews HRD (Doctoral and Masters) thesis from different Australian universities. He is currently reviewing a Doctoral thesis from Central Queensland CQUniversity.