
Preface

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Biographical notes: Leon Shyue-Liang Wang is the Academic Vice President of National University of Kaohsiung, Taiwan. He is also the President of the Taiwanese Association of Social Networks and a Fellow of the Institute of Engineering and Technology in the UK. His research interests include privacy preservation, data mining, and soft computing. He has published over 200 papers, edited six books, delivered five keynote speeches, served as seven international conference chairs, and over 130 international conferences as PC member and session chairs. He has also served on many editorial boards and technical committees of IEEE Systems Man Cybernetics Society and Computational Intelligence Society. He is currently the Editor-in-Chief of the *International Journal of Privacy, Security and Integrity*.

I-Hsien Ting is an Associate Professor in the Department of Information Management, National University of Kaohsiung, Taiwan. He received his PhD in Computer Science from the University of York, UK. His research interests focus on data mining and e-commerce, particularly on web mining, social network analysis and decision support systems, web intelligence, e-commerce, and semantic web. He has wide experience of conference and workshop organisation and has also been a member of program committees in more than 100 conferences. Furthermore, he is currently also a member of the editorial advisory board of *Online Information Review* and a referee for some academic journals, such as *Journal of Information Science*, and in the editorial review board of *World Wide Web*, *Journal of Information, Cyberpsychology and Behaviour*, *Neurocomputing*, *Information Technology and Organisations* and many more.

We are glad to announce that the *International Journal of Information Privacy, Security and Integrity (IJPSI)* released its volume 2, number 2 after two years suspension of publication. In 2015, *IJPSI* appointed its new Editor-in-Chief Professor Leon Shyue-Liang Wang and managing editor Professor I-Hsien Ting both from the National University of Kaohsiung, Taiwan. The journal also expanded its editorial board to invite more members who are experts from different areas of information privacy, security and integrity. The topics of *IJPSI* have also been updated and expanded with new ones such as management aspects, Social network information privacy/security/integrity, etc. The reason is that *IJPSI* intends to catch new trends and attract more high quality submissions. Our goal is to continue the publication of the journal as well as to include the journal in more indexing databases.

IJPSI topics include, but are not limited to: privacy and security foundations, privacy-enhancing technologies, privacy-preserving computing, privacy policies and laws, management aspects, cyber, network and communication security, social network information privacy/security/integrity, secure computing and systems, database privacy and security, risk analysis, modelling and management, trustworthy computing, management, evaluation, theoretical foundation of information integrity, information integrity structure and design, legal, procedural, regulatory, ethical aspects, and interactions/integration/fusion/applications.

We are honoured to feature four articles from international scientists for this inaugural volume of *IJPSI*. The first article is entitled ‘Intrusion detection technique for black hole attack in mobile ad hoc networks’. The authors proposed a novel strategy by employing detection mechanism at source node to detect and isolate the black hole attack in mobile ad hoc networks (MANETs), which utilises the average routing packets processing and queueing delay time per node, destination sequence number and hop count analysis. The strength of the proposed method is to preserve the system resources in order to detect and isolate the black hole attacks from the basic operation of network as this approach does not send out extra control packets.

The second article is entitled ‘Privacy architectures in social networks state-of-the-art survey’ which is a very well written survey paper to address the issue of privacy architecture in social networks. This paper provides a comprehensive survey of the current state-of-the-art privacy in social networks for both desktop and mobile uses and devices from various architectural vantage points. The survey will assist researchers and analysts in academia and industry to move towards mitigating many of the privacy issues in social networks.

The third article is entitled ‘A graph-based cloak algorithm to preserve location privacy in location-based services’ which deals with the preserve location privacy problem in location-based services. This paper focuses on graph-based clique cloak algorithm that aims to find out the maximum clique to form the cloaked region within the maximum area provided by the user. The probability of finding the exact user is decreased for the malicious LBS providers and the number of users getting cloaked is increased compared to the other clique cloak algorithms.

The last article entitled ‘Secured approach for authentication using threshold-based hierarchical visual cryptography’ to focus on authentication by secured approach. In this article, two different authentication models are proposed based on threshold-based hierarchical visual cryptography (THVC), which are one way authentication model, two way authentication model. The authors of the article designed a series of experiment to evaluate the performance of the proposed approaches.

These four articles have high quality and relevance that we expect for developing *IJPSI*. Finally, we would like to thank all authors, reviewers, and members of the editorial board of *IJPSI*.