

# IET Networks Call for Papers

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## SPECIAL ISSUE ON:

### Privacy, data Assurance, Security Solutions for Internet of Things (PASS4IoT)

The Internet of Things (IoT) is unleashing the next wave of innovation due to its inherent capability of connecting everything in the physical world to cyberspace from/to everywhere. Realisation of IoT has massive potential to provide social and economic benefits; however, it also requires collaborative and sustained efforts from the fields of communications, computing and electronics over the years to come. Many challenging issues need to be tackled quickly and effectively. One significant challenge is exposed security and privacy concerns, since globally connected devices pose hidden security and privacy risks. On the other hand, it is very difficult to deploy advanced cryptographic algorithms and protocols due to hardware constraints. To pave the way for a brighter IoT future, many technological aspects need to be considered, such as data security, privacy, access control, information assurance, trust management, secure service interoperability, and mobility.

This Special Issue focuses on exploiting feasible ways of improving privacy, security, and data assurance in IoT and promoting IoT applications. Potential topics include, but are not limited to:

- Privacy and security issues in IoT
- Dynamic trust management for IoT applications
- Physical-layer security
- Cyber-physical systems
- SCADA systems
- Trustworthy user interfaces
- Machine-to-machine communications
- Intrusion detection and prevention
- Vulnerability, exploitation tools, Malware, Botnet, and DDoS attacks
- Mobile security, Android security, and trusted devices
- Security metrics and performance evaluation, traffic analysis techniques
- Social, economic and policy issues of trust, security and privacy
- Security on low-power computing devices
- Trust establishment in IoT users
- Information-theoretic security

All papers must be submitted through the journal's Manuscript Central system:  
<http://mc.manuscriptcentral.com/iet-net>

#### Publication Schedule:

**Submission Deadline:**  
30 Oct 2017

**Publication:**  
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#### Guest Editors:

**Dr Shancang Li**  
Department of Computer Science,  
University of the West of England, UK  
E: [Shancang.li@uwe.ac.uk](mailto:Shancang.li@uwe.ac.uk)

**Prof. Li Da Xu**  
Department of Information Technology,  
Old Dominion University, Norfolk, USA  
E: [lxu@odu.edu](mailto:lxu@odu.edu)

**Prof. Houbing Song**  
Department of Electrical and Computer  
Engineering, West Virginia University,  
Montgomery, WV, USA  
E: [Houbing.Song@mail.wvu.edu](mailto:Houbing.Song@mail.wvu.edu)

**Prof. Ahmed Al-Dubai**  
School of Computing, Edinburgh Napier  
University, UK  
E: [a.al-dubai@napier.ac.uk](mailto:a.al-dubai@napier.ac.uk)