

World Wide Web

~ Security and Privacy in Network Computing ~

Call for Papers

About this Issue

Networks consistently accelerate the evolution of computing architectures and have created a wide range of network computing paradigms, including distributed computing, cloud computing, web services, Internet of Things, crowdsourcing, etc. Those paradigms integrate homogeneous or heterogeneous resources across networks, thereby extensively improve the computation capacity and empower a variety of novel use cases and applications.

However, due to design and implementation flaws, some network computing technologies might contain security loopholes, which could be abused unintentionally or on purpose. As a result, the security and privacy of computations are compromised. Security incidents happened in practical systems repeatedly revealed such threats, creating financial loss and social upsets. On the other hand, a silver bullet to address the above challenges does not exist due to the diversity and complexity of existing technologies. Therefore, studying and seeking solutions to network computing security are urgent and challenging, calling for non-trivial collective efforts from multiple parties, including researchers, practitioners, service providers and users, with a common objective to building multi-layered defense line that covers both technical and social aspects.

The special issue of WWWJ (indexed by SCI-E and EI) provides a great opportunity for researchers from academics and industry to show their research results.

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Submissions and Reviews Procedures

Special Issues are handled in the normal way via the online Editorial Manager system found at <https://wwwj.edmgr.com>. Please choose the article type “**SI: Security and Privacy in Network Computing**.” Special Issue articles should fulfill all the standard requirements of any WWWJ article. Authors should note that the same criteria apply to articles in Special Issues as to regular articles. *Special Issue articles must not consist of overviews of the authors' previously published work, e.g. peer-reviewed articles, book chapters, official reports, etc.*

All papers will undergo the same rigorous WWWJ review process. Please refer to the WWWJ website for detailed instructions on paper submission: <https://www.springer.com/11280>

See reverse side for Topics of Interest and Important Dates



Autonomous Agents and Multi-Agent Systems www.springer.com/11280

M. Rusinkiewicz; Y. Zhang, Editors-in-Chief

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Topics may include (but are not limited to):

Techniques related to network computing security and privacy, including

- Security modelling and threat analysis
- Formal methods
- Access control
- Remote attestation/verification techniques
- Trusted computing
- Trusted Execution Environment (TEE)

Security and privacy of specific network computing techniques, including

- Data security and privacy
- Cloud computing
- Big data computing
- Distributed computing
- Fog computing
- Crowdsourcing computing
- Web service
- Internet of Things (IOT)
- Social networks

Important Dates

- **Submission deadline: September 30, 2018**
- **Author notification: November 30, 2018**
- **Revised paper due: January 1, 2019**
- **Final author notification: February 1, 2019**