Call for Articles for Computer

Computer seeks submissions for a June 2014 special issue on methodologies and solutions for mobile application security.

With the ubiquitous use of mobile devices, mobile application security has become an important research topic. Compared with personal computers or servers, mobile devices store much more sensitive personal information and are thus attractive targets for attackers seeking financial gain. Because these devices are always online and have a restricted user interface, it is easier for attackers to hide their malicious activities.

This special issue aims to present high-quality articles describing security algorithms, protocols, policies, and frameworks for applications running on modern mobile platforms such as Android, iOS, and Windows Mobile. Only submissions describing previously unpublished, original, state-of-the-art research that are not currently under review by a conference or journal will be considered.

Appropriate topics include, but are not limited to, the following:

- app and app store security and privacy;
- benchmarking and evaluation of mobile security solutions;
- bots on mobile devices;
- cloud security and privacy, as related to mobile devices;
- mobile device forensics;
- security and privacy in mobile device operating systems and middleware;
- mobile malware collection, statistics, and analysis;
- mobile services and social networking security;
- reverse engineering and automated analysis of mobile malware;
- security for smart payment applications, including near-field communication;
- standardization efforts related to developing and vetting mobile apps;
- testbeds and case studies for mobile platforms;
- traffic monitoring and detection algorithms for mobile platforms;
- virtualization solutions for mobile security;
- Web browser security on mobile devices; and
- usability related to mobile application security and privacy.

Articles should be original and understandable to a broad audience of computing science and engineering professionals, avoiding a focus on theory, mathematics, jargon, and abstract concepts. All manuscripts are subject to peer review on both technical merit and relevance to *Computer*'s readership. Accepted papers will be professionally edited for content and style.

The guest editors for this special issue include Ying-Dar Lin, National Chiao Tung University, Hsinchu, Taiwan (lead: ydlin@cs.nctu.edu.tw); Chun-Ying Huang, National Taiwan Ocean University, Keelung, Taiwan; Matthew Wright, University of Texas at Arlington; and Georgios Kambourakis, University of the Aegean, Samos, Greece.

Submissions are due by **15 December 2013**. For author guidelines and information on how to submit a manuscript, visit www.computer.org/portal/web/peerreviewmagazines/computer.

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