Australasian Journal of Information Systems

Special Section CFP: Research on Applied Ethics involving Cybersecurity

Research on Applied Ethics involving Cybersecurity

Research theme: Applied and professional ethics for socio-technical systems in the domain of cybersecurity.

Overview
Cybersecurity is a growing and important area for researchers. People tend to underestimate the potential for a cyber-attack against their organisation and the costs associated with such attacks. But technology is only one component in achieving cyber-resilience: the 'human factor' is critical in building effective cyber-resilience for any organisation. Insufficiently secured systems and the rise of the Internet of Things (IoT) such as internet connected refrigerators, automation devices, and cameras are major sources for Distributed Denial of Service (DDoS) attacks. This affects not only businesses but households. For this special section we invite papers that examine the ethical importance of cybersecurity. The focus is on applied, not philosophical or theoretical ethics. A practical, professional ethics focus is desired for accepted papers.

Specific areas of interest for the special section

- Targets such as autonomous cars, IoT devices, critical infrastructure, cryptocurrency.
- Attack tools such as botnets, ransomware, artificial intelligence (AI) driven attacks.
- The impact on healthcare in areas such as robotics, wearables and remote monitoring.
- Impacts on cloud, big data, mobile systems and assistive technologies.
- Privacy issues, such as privacy preserving biometrics.
- Ethical design.
- Ethical hacking.
- Cyber conflicts and cyber warfare;
- Other ethical issues relating to cybersecurity.

Timeline

- Initial paper submission deadline: April 27th, 2018.
- Initial round of review to be completed by: July 30th, 2018.
- Revised paper submission deadline: August 31st, 2018.
- Second round of review to be completed by: October 29th, 2018.
- Submission of accepted papers for journal copyediting processes: November 30th, 2018.
- Publication of special section papers: December 2018.

Section Editors
Professor Matthew Warren, Deakin University.
A/Professor Oliver Burmeister, Charles Sturt University.

Papers are to follow the guidelines for submission as per the AJIS site.
http://journal.acs.org.au/index.php/ajis/about/submissions

ISSN: Online: 1326-2238 Hard copy: 1449-8618

Tweets by @

AJISEiC
@AJISEiC

New article: Fletc
& Islam, M. (2018
Comparing sets c
patterns with the
index. Australasia
Journal of Informa
Systems, 22. doi:
dx.doi.org/10.312
… #Jaccard
#classification
#datamining

Mar

AJISEiC
@AJISEiC

AJIS Article Relea
investigation into
of Internet firms:
development of a
conceptual mode
#failure #Internet
#conceptualmode
dx.doi.org/10.312
…

Embed Vie