Call for Papers for a Special Issue

(Journal of the Association for Information Systems)

ICT Challenges and Opportunities in Building a "Bright Society"

Submission Deadline Extended: April 30, 2016

Guest Editors: Alessandro Acquisti (Carnegie Mellon University), Wonseok Oh (Korea Advanced Institute of Science and Technology), and Choon Ling Sia (The City University of Hong Kong)

Background: ICT Opportunities and Challenges

Information and communication technologies (ICTs) have changed the face and pace of social and economic interactions. Such changes have driven growth and innovation across key segments of society from healthcare to education and across modern initiatives from economic development to connectivity. ICT infrastructures have engendered a new socio-economic paradigm called the "sharing economy," in which people share goods and services online through collaborative consumption. ICTs and the mobile revolution have dramatically improved the "health" in healthcare services across the globe, as reflected by the delivery of high-quality patient care at low cost. Information and communication innovations have also promoted universal access to education through online platforms (e.g., massive open online courses), thereby expanding society's capacity to learn.

However, the benefits derived from these technologies come with a price. Although ICTs paved the way for achievement, they have produced adverse effects that threaten ethical precepts, economic development, and social order. Cybercrime and economic espionage cost the global economy more than $500 billion a year.[1] The erosion of privacy jeopardizes our autonomy and changes the way we think, act, and interact in online environments (Acquisti et al 2015). Recent ICT developments, such as the IoT and big data analytics, have further exacerbated security and privacy challenges. Digital addiction takes a toll on public health in many countries around the world. Cyberbullying and abuse disrupt interactions on social networks; more than two-thirds of users aged 13 to 22 have been victimized by cyberbullying, cyberstalking, and online harassment.[2] ICTs have also been criticized for widening economic inequality and deepening the digital divide between the rich and the poor (Crawford et al 2014).

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[1] http://www.reuters.com/article/2014/06/09/us-cybersecurity-mcafee-csis-idUSKBN0EK0SV20140609

[2] http://www.bbc.co.uk/newsbeat/24364361

Scholarly Contributions Sought: An ICT-enabled Bright Society

Academic communities are mindful of the ICT-related economic, legal, and ethical challenges that confront the global society. This Special Issue encourages the submission of research that provides innovative discussions regarding the design, development, and implementation of "bright ICTs" that counter the negative effects of such technologies and help establish a safe and secure society. We welcome both theoretical and empirical works using either quantitative or qualitative methods, including cross-sectional or longitudinal data analyses, field experiments, surveys, case studies, design science approaches, and analytical modeling. The findings should offer novel, theory-based insights into how information technology can be used to protect ICT users and prevent the undesirable consequences of ICT proliferation. Original work based on interdisciplinary research is encouraged. Furthermore, a broad spectrum of approaches to dealing with the risks arising from and solutions to ICTs' negative effects is welcome. Desired measures include legal and regulatory schemes; economic, business and managerial policies; technological architectures; and societal movements. Special attention will be paid to research findings that shed light on how we, as a global IS community, should use ICTs to build a brighter and safer digital society.

Topics of interest include, but are not limited to, the following:

- Big data analytics and privacy concerns
- Legal and regulatory issues and solutions for managing big data
- The dark side of an IoT-enabled society
- Quantitative assessments of digital addiction to games and social networking sites
- Countermeasures to digital addiction
- Wearables and digital dependency
- Cyberbullying and online harassment in social networking sites
- Social and political conflicts in online communities and social networks
- Responsibilities and obligations of ICT platform providers
- Legal aspects of ICT crimes and privacy violations
- Role of ICT in promoting the sharing economy
- Unfavorable aspects of the sharing economy
- Economics of computer security and privacy in the information age
- Effects of privacy concerns on consumer behaviors in online environments
- Design of balanced anonymity that secures both privacy and security
- Design of sociotechnical artifacts to improve human conditions and ICT environments

The objective of this Special Issue is to provide a leading forum for scholars to engage in an intellectual dialogue over the most recent developments on "bright ICT initiatives," whose implementation has recently been adopted by AIS as its grand vision.

Submission

In accordance with the objectives for all manuscripts published in JAIS, authors are expected to demonstrate solid, topical theory development as well as important empirical contributions. The sought-after manuscripts should demonstrate rigor in the analysis and the conceptual development, along with a novelty and an innovativeness in the research.

All manuscripts will be peer reviewed and must follow the standard guidelines for manuscript preparation and submission posted on JAIS website (http://aisel.aisnet.org/jais/). **When submitting your work, please indicate in your cover letter that the paper is targeted toward the special issue. In addition, please choose Choon Ling Sia as your preferred editor.**

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Important Dates:

Submission Deadline: April 30th, 2016

First round of editorial decisions: August 31, 2016

Revisions due: November 30, 2016

Second round of editorial decisions: Feb. 28th, 2017

Final revisions due: May 15, 2017

Final editorial decisions: August 1, 2017

Anticipated Publication: December 2017

Further Information

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Crawford, K., Gray, M. L., & Miltner, K. (2014). "Big Data| Critiquing Big Data: Politics, Ethics, Epistemology| Special Section Introduction." *International Journal of Communication*, 8, 10.