

Bright Internet Global Summit 2018 (BIGS 2018)

CALL FOR PAPERS

San Francisco, California, USA, December 13, 2018, 9:00 – 6:00 pm

The Bright Internet Global Summit (BIGS) will be held at the Marriott Marquis hotel in San Francisco December 12-13, 2018. Day 1 meetings for BIGS 2018 on December 12th are dedicated to practical industry experts and policy makers and open to non-AIS members. These sessions will provide an interactive forum by bringing together leading academics, practitioners and policy makers to discuss the critical issues of today's Internet and possible means and business models to realize the next generation of a trusted and safe Internet, including Bright Internet Initiative and approaches for preventive cybersecurity paradigm and business development.

Day 2 sections for BIGS 2018 on December 13th, as a pre-ICIS workshop, are dedicated to academic research paper presentations and discussion and open to AIS members. The Day 2 sessions will be held in cooperation with the AIS Special Interest Group on Information Security and Privacy (SIGSEC) as a part of the Workshop on Information Security and Privacy (WISP 2018). Information on BIGS 2018 for both days can be found at www.brightinternet.org.

This call for papers for the academic track for Day 2 (December 13th) invites original research articles addressing a broad coverage of technical, managerial, economic, and policy solutions towards developing the Bright Internet and Trust, with emphasis on preventive cybersecurity and global trust building. Papers may employ any applicable IS research method (case study, survey, analytical modeling, experiments, computational models, design science, and so forth). The key issues to be discussed at the BIGS 2018 academic forum include, but are not limited to, the following:

- What are the most serious cybersecurity issues currently encountered by companies, individual citizens, and on national levels (national security) and what can be done about these issues?
- Is the current Internet security protection paradigm sustainable for the future?
- Do we need a new preventive paradigm for deterring anonymous sources of threat?
- What should the security architecture and protocols look like for the future Internet?
- What are critical success factors for the market driven bright cloud networks?
- What kind of protocols and technologies are necessary to implement Bright Internet?
- How serious are cross-border and detoured cyberattacks?
- What is the status of global cybersecurity, security governance in the context of the Bright Internet initiative?
- What should the goals be of the next generation Internet, and what are the principles that Bright Internet should adopt?
- What kind of regulations need to be established or released to realize the goals of Bright Internet?
- What would be novel, useful methodological approaches to establish the Bright Internet?
- What new research propositions, frameworks, theories, and paradigms surrounding the Bright Internet should we focus on for the next 10 years?

Important Dates (Revised)

Revised submission Deadline: October 15, 2018

Notification of Acceptance: November 2, 2018
Revised, Camera ready Document: November 30, 2018
Workshop Date: December 13, 2018

Submission Guidelines

All submitted papers undergo a double-blind peer-review process. Please submit your papers using our conference submission system located at <https://easychair.org/cfp/WISP2018>. **Please add “(Submit to BIGS)” at the end of paper title.** All submission should be in Microsoft Word using the workshop template only (found on the submission website), with no author names or other identification in the manuscript file, including removal of document properties and tracked changes (blind the submission, please). Please use the WISP2018 style for your paper and references (also shown on the workshop template). Completed research and case study papers should be limited to 15 pages. Research-in-progress papers should be limited to 8 pages. The accepted papers will be presented on Dec. 13th during the research paper section of the WISP, and detailed presentation guideline will be provided later. We look forward to receiving your papers. If you have any questions, please contact Dan J. Kim at dan.kim@unt.edu.

Academic participants for Day 2 of BIGS 2018 December 13th should register for WISP 2018 of pre-ICIS 2018. If AIS member wants to participate in the practitioner sessions for Day 1, it will require a separate registration at www.brightinternet.org with an AIS member discount.

Program Chairs

Dan J. Kim,	University of North Texas, USA
Jae Kyu Lee	SUSTech, China and KAIST, Korea
Michele Maasberg	Louisiana Tech University, USA

Program Committee

Bongsik Shin (San Diego State University)
Christopher Paolini (San Diego State University)
Daegon Cho (KAIST, Korea)
Gene Moo Lee (University of British Columbia)
Jaehyeon Ju (McGill University, Canada)
James Parrish (University of North Texas)
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Manoj Thomas (Virginia Commonwealth University)
Mehrdad Koochikamali (University of Redlands)
Mohammad Salehan (California State Polytechnic University)
Mohammadreza Mousavizadeh (Western Michigan University)
Obiageli Ogbanufe (Oklahoma State University)
Raghu Santanam (Arizona State University)
Richard Dasher (Stanford University)
Rui Chen (Iowa State University)
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