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# Bright Blue Cybersecurity (BBC) Project SIGSEC Research Initiative

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# Bright Blue Cybersecurity (BBC) Project

## *SIGSEC Research Initiative*

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**ABSTRACT**

It may be beneficial to the community of scholars in general and the members of Association of Information Systems (AIS) – Special Interest Group on Security and Privacy (SIGSEC) to coordinate research activities to achieve accomplishments that are beyond the scope of individual scholars as well as having the possibility to solve problems that are of value to both academics and practitioners. The Bright Blue Cybersecurity (BBC) research project seeks to develop a set of research goals in the area of cybersecurity and then devise strategies to coordinate efforts of both current and future scholars who wish to participate.

**Keywords:** cybersecurity research, collaborative research, AIS SIGSEC Research agenda 2030

**PROPOSAL**

*Vision:* Promote coordinated and collaborative research in Cybersecurity, Information Security, Information Systems Security Management, and related topics to solve problems that are of value to both academics and practitioners, along with making the Internet a safer place.

*Mission:* Develop synergies around small set of top cybersecurity problems faced by medium and large-sized organizations. Projected goals should be achieved by 2030.

It may be beneficial to the community of scholars in general and the members of Association of Information Systems (AIS) – Special Interest Group on Security and Privacy (SIGSEC) to coordinate research activities to achieve accomplishments that are beyond the scope of individual scholars as well as

having the possibility to solve problems that are of value to both academics and practitioners. The Bright Blue Cybersecurity (BBC) research consortium is modeled after a project from another discipline. Specifically, in that case, a group of neuroscientists developed the Blue Brain Project (n.d.) to work collaboratively to solve a set of related problems in reverse engineering mammalian brain circuitry. In our case, the proposal is to develop a set of research goals in the area of cybersecurity and then devise strategies to coordinate efforts of both current and future scholars who wish to participate. Ideally, the BBC group will conduct a yearly panel at WISP to update on the progress of this innovative SIGSEC Research Consortium. Given that one of the key initiatives by the AIS president is the Bright Internet initiative (Lee 2015), our BBC Project will fit nicely as a contribution of the SIGSEC to such important efforts. A yearly report will also be provided to the AIS president on our BBC Project.

**Panel Moderators:**

- Yair Levy, Nova Southeastern University

- Herb Mattord, Kennesaw State University

**Panelists:**

- Bonnie Anderson, Brigham Young University

- Dave Biros, Oklahoma State University

- John D'Arcy, University of Delaware

- Gurpreet Dhillon, Virginia Commonwealth University

- Anat Hovav, Korea University Business School

- Andrew Phillips, United States Naval Academy

**AGENDA FOR THE PANEL SESSION IN WISP2015**

- Overview of the BBC Project idea

- Define the cybersecurity problems to be addressed

- Devise means for communicating existence of the BBC project to those who might collaborate

- Devise means of collaborating as problem areas are defined and elements are taken up by research participants

- Devise a means for coordinated dissemination of results

- Identify governance structure and research participants

- Identify collaborative funding sources

## REFERENCES

Blue Brain Project (n.d.). Retrieved from: https://en.wikipedia.org/wiki/Blue_Brain_Project

Lee, J. K. (2015). "Research Framework for AIS Grand Vision of the Bright ICT Initiative," *MIS Quarterly 39*(2), pp. iii-xii.