Call for Papers on
IOT and SCADA Cybersecurity Education
13th International Conference on Security and Management
World Congress in Computer Science,
Computer Engineering and Applied Computing
Las Vegas, Nevada, July 21-24, 2014

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April 12, 2014

1   Invitation

We invite you to submit a paper in the area of IOT and SCADA Cybersecurity Education to the Technical Session that we are organizing at SAM'14. The 13th International Conference on Security and Management. SAM'14 is part of WORLDCOMP'14: The 2014 World Congress in Computer Science, Computer Engineering and Applied Computing. WORLDCOMP'14 will be held in Las Vegas, Nevada, USA during the period July 21-24, 2014. The exact times and dates of our presentations will be determined once we get the session organized, but it will most likely be on July 23 and 24.

2   Description of Technical Session

By 2020 various estimates put the number of "things" on the Internet at 26-30 billion. These networked things will be found in every facet of our lives. This is in addition to the SCADA systems that are so critical for functioning of modern civilization. In the excitement of creating these new systems, it seems clear that not enough attention is being paid to cybersecurity of the IOT and SCADA systems. In particular, this aspect of cybersecurity is not addressed in most cybersecurity programs. This is most unfortunate since it is widely believed that these new systems are less secure than the traditional networked systems. It is also clear that vulnerabilities in the IOT and SCADA systems can be exploited to produce vulnerabilities in traditional systems. This session will focus on the state of IOT and SCADA Cybersecurity Education. Of special interest are determining which institutions are active in these areas and how people interested in bringing these topics into their cybersecurity curriculum should proceed. We invite contributions that look at all aspects of the cybersecurity of the Internet of Things and

SCADA systems. This includes such devices as ATMs, home and automobile control systems, and medical devices as well as the traditional systems such as power grids, pipelines and water systems.

This session will provide an international platform for the discussion of IOT and SCADA cybersecurity education since the estimated 2,000+ participants at WORLDCOMP'14 will be able to attend any of the sessions that interest them. Furthermore, all accepted papers will be published in the SAM'14 proceedings. The SAM'14 proceedings will be distributed in hard copy to all registrants for SAM'14, and will be included in electronic form with the other conference proceedings and distributed to all the participants. After the conference, the SAM'14 proceedings will be available online.

3   Types of Papers

We are interested in contributions of the following types:

- *(RRP) Regular Research Papers.* These are 7-page IEEE-style papers that will appear in the proceedings. These papers will be presented in a 20-minute formal presentation slot.

- *(RRR) Regular Research Reports.* These are 7-page IEEE-style papers that will appear in the proceedings. The presentations for these papers will be in informal settings during Discussion Sessions. Typically, those authors with language difficulties prefer this mode of presentation.

- *(SRP) Short Research Papers.* These are 4-page IEEE-style papers that will appear in the proceedings. The presentations for these papers will be in informal settings during discussion sessions.

- *(PST) Posters.* These are 2-page IEEE-style papers that will appear in the proceedings. The presentations for these papers will be in informal settings during discussion sessions.

Templates and author instructions are available at `http://www.worldacademyofscience.org/worldcomp13/ws/authors`. The templates and instructions for WORLDCOMP'14 will be identical to those used in WORLDCOMP'13.

4   Important Dates and Submission of Papers

If you would like to participate in this technical session, DO NOT submit your paper through the WORLDCOMP'14 website. Please send all materials to George Markowsky (markov@maine.edu). The timeline will be as follows:

- *Saturday, April 19, 2014.* Draft papers due.

- *Saturday, May 10, 2014.* Acceptance of papers announced by this date. The sooner you can submit your paper, the sooner you can get feedback.

- *Saturday, May 24, 2014.* Camera ready papers uploaded and registration completed.

Please be sure to mail all materials to markov@maine.edu. With your submissions be sure to list all the authors and for each author include the following information:

- Complete name and title

- Complete mailing address

- Complete e-mail address

- Complete Phone Information

If there are multiple authors, please indicate who should be the contact author for the paper.

5   General Information

Registering for SAM'14 grants admission to all of the 22 different conferences that take place during WORLDCOMP'14. Admission includes all of the tutorials and keynote talks. For more information on SAM'14 and WORLDCOMP' 14 see: `http://sam.udmercy.edu/sam14/` and `http://www.world-academy-of-science.org/worldcomp14/ws`.

Feel free to circulate this call for papers. Note that since we are a special session we have our own timeline which is different from that for general submitted papers to WORLDCOMP'14. For more information, please contact

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