ACM CODASPY 2020

6th ACM International Workshop on Security and Privacy Analytics (IWSPA 2020)

New Orleans, LA, Wednesday, March 18, 2020
Co-located with 10th ACM CODASPY 2020 (Website: CODASPY 2020)
Website: https://sites.google.com/view/iwspa2020/home

This is the sixth workshop in the series of workshops on Security and Privacy Analytics. Increasingly, sophisticated techniques from machine learning, data mining, statistics and natural language processing are being applied to challenges in security and privacy fields. However, experts from these areas have had no medium in the past where they can meet and exchange ideas so that strong collaborations can emerge, and cross-fertilization of these areas can occur. Moreover, current courses and curricula in security do not sufficiently emphasize background in these areas and students in security and privacy are not emerging with deep knowledge of these topics. Hence, we propose to continue the workshop that we started in the year 2015 to address the research and development efforts in which analytical techniques from machine learning, data mining, natural language processing and statistics are applied to solve security and privacy challenges ("security and privacy analytics"). Over the course of these five years, the papers published in IWSPA proceedings have been downloaded more than 12,000 times according to ACM Digital Library and have 300+ citations on Google Scholar.

Submissions of papers related to methodology, design, techniques and new directions for security and privacy that make significant use of machine learning, data mining, statistics or natural language processing are welcome. Furthermore, submissions on educational topics and systems in the field of security analytics are also highly encouraged. For more information about the workshop: https://sites.google.com/view/iwspa2020/home

The workshop will focus on, but is not limited to, the following areas:

- Natural Language Processing for Security/Privacy;
- Data Mining techniques for Security/Privacy;
- Machine Learning for Security/Privacy;
- Statistics for Security/Privacy;
- Inference Control;
- Privacy-preserving data mining;
- Security of Machine learning;
- Security of Data Mining;
- Security of Natural Language Processing;
- Case studies;
- Educational topics and courses

The workshop is planned for one day, March 18, 2020, on the last day of the conference. All submissions must describe original research, not published nor currently under review for another workshop, conference, or journal.

All papers must be submitted electronically via the Easychair system:
https://easychair.org/conferences/?conf=iwspa2020

Papers must be at most 10 pages (12 pages in total) in length in double-column ACM format excluding bibliography and appendices. Submission implies the willingness of at least one author to attend the workshop and present the paper. Accepted papers will be included in the ACM Digital Library. The presenter must register for the workshop before the deadline for author registration. The accepted papers will be compiled in the workshop proceedings as either a regular paper within 11 pages or a short paper within 7 pages. A limited number of high quality submissions may be selected for publication in a special issue of a journal.

Organizing Committee

- **Ping Chen** (Univ. of Massachusetts – Boston)
- **Lila Ghemri** (Texas Southern University)
- **Wenyaw Chan** (UTHSC – Houston)
- **Rakesh Verma** (University of Houston)

Steering Committee

- **George Cybenko** (Dartmouth College)
- **Carl Landwehr** (George Washington University)
- **Ravi Sandhu** (University of Texas – San Antonio)
- **Rakesh Verma** (University of Houston)

Technical Program Committee

- **Ping Chen** (Univ. of Massachusetts – Boston)
- **Wenyaw Chan** (UTHSC – Houston)
- **Lila Ghemri** (Texas Southern University)
- **Latifur Khan** (UT Dallas, Co-chair)
- **David Marchette** (NSWC)
- **Chilukuri Mohan** (Syracuse University, Co-chair)
- **Michael Rusinowitch** (LORIA – INRIA Nancy Grand Est, France)
- **Andrew Sung** (University of Southern Mississippi)
- **Rakesh Verma** (University of Houston, Co-chair)
- **Haining Wang** (Virginia Tech)
- **Roland Yap** (National University of Singapore)
- **Chester Rebeiro** (IIT Madras, India)
- More to be added …

Important Dates (Tentative):

Abstract Submissions Due: Dec. 6th, 2019 (11:59 P.M. AoE)

Paper Submissions Due: Dec. 10th, 2019 (11:59 P.M. AoE)

Acceptance Notification: Jan. 6th, 2020

Camera Ready Submissions Due: Jan. 19th, 2020

For more information: Contact Lila Ghemri at Lila.Ghemri@tsu.edu and Rakesh Verma at rverma@uh.edu