ACM CODASPY 2019

5th ACM International Workshop on Security and Privacy Analytics (IWSPA 2019)

Dallas, TX, Wednesday, March 27, 2019
Co-located with 9th ACM CODASPY 2019 (Website: CODASPY 2019)
Website: https://sites.google.com/view/iwspa-2019/home

This is the fifth 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"). 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/iwspa-2019/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 27, 2019, 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=iwspa2019

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

- ✓ **Wenyaw Chan** (University of Texas-HSC at Houston)
- ✓ **Ping Chen** (University of Massachusetts-Boston)
- ✓ **Lila Ghemri** (Texas Southern University)
- ✓ **Stephen Huang** (University of Houston)
- ✓ **Ernst Leiss** (University of Houston)
- ✓ **Carlos Ordonez** (University of Houston)
- ✓ **Rakesh Verma** (University of Houston)

Steering Committee

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

Technical Program Committee

- ✓ Mark Last, Ben-Gurion University of the Negev
- ✓ C.K. Mohan, Syracuse University
- ✓ Andrew Sung, University of Southern Mississippi, TPC Co-Chair
- ✓ To be added

Important Dates

Paper Submission Deadline: December 15, 2018, 11.59pm CST
Acceptance Notification: January 10, 2019

Camera Ready Submission Deadline: January 28, 2019

For more information: Contact Stephen Huang at s_huang@cs.uh.edu or Rakesh Verma at rverma@uh.edu