First IEEE International Workshop on Adapting Data Mining for Security (ADMiS)
Singapore, Tuesday, November 20, 2018
Co-located with IEEE International Conference on Data Mining, 2018
Website: https://sites.google.com/site/admisworkshop/home

Increasingly, sophisticated techniques from data mining, and machine learning are being applied to challenges in security and privacy fields. However, experts from these areas have no high-visibility medium at a premier Data Mining conference such as ICDM, 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 are not emerging with deep knowledge of these topics. Hence, we propose a workshop that will address the research and development efforts in which analytical techniques from machine learning, data mining, are applied to solve security challenges. Submissions of papers related to methodology, design, techniques and new directions for security that make significant use of data mining and machine learning are welcome. Furthermore, submissions on educational topics and systems in the intersection of security and data mining are also highly encouraged.

More information about the Workshop available at:
https://sites.google.com/site/admisworkshop/home

The workshop will focus on, but not limited to, the following areas:
- ✓ Data Mining techniques for security;
- ✓ Machine learning for security;
- ✓ Inference Control;
- ✓ Privacy-preserving data mining;
- ✓ Security of machine learning;
- ✓ Security of data mining;
- ✓ Case studies;
- ✓ Educational topics and courses.

The half-day workshop is planned for November 20th, 2018, with one session of keynote speeches, one technical session, a session on Security Education, and a concluding panel discussion on future directions and essential knowledge for security students and professionals. The keynote speeches will be delivered by a well-known researcher in the intersection of data mining and security. 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 ICDM Submission system: Submission link

Papers must be no longer than 8 pages and in font size no smaller than 10 points. Detailed layout guidelines except the page length are the same as recommended in http://icdm2018.org. Submission implies the willingness of at least one author to attend the workshop and present the paper. **Accepted papers will be included in the IEEE Xplore as part of the Workshop proceedings.** 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 8 pages or a poster paper within 2 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, Houston)
- ✓ Ping Chen (University of Massachusetts-Boston)
- ✓ Stephen Huang (University of Houston)
- ✓ Ernst Leiss (University of Houston)
- ✓ Rakesh Verma (University of Houston)

Technical Program Committee
- ✓ Wenyaw Chan (University of Texas – HSC, Houston)
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- ✓ Chilukuri K. Mohan (Syracuse University)
- ✓ Bernardete Ribeiro (University of Coimbra, Portugal)
- ✓ Andrew Sung (University of Southern Mississippi, TPC Co-Chair)
- ✓ Bhavani Thuraisingham (University of Texas at Dallas, TPC Co-Chair)
- ✓ Rakesh Verma (University of Houston, TPC Co-Chair)
- ✓ Roland Yap (National University of Singapore)
- ✓ More to be added

Important Dates
- ✓ **Paper Submission Deadline:** August 7th, 2018, 11:59 pm PST
- ✓ **Acceptance Notification:** September 4th, 2018, 11:59 pm PST
- ✓ **Camera Ready Submission Deadline:** September 15th, 2018, 11:59 PST