

The 2018 Cybersecurity Data Mining Competition and Workshop

The 11th International Workshop on Artificial Intelligence and Cybersecurity (AICS 2018)
The 9th International Cybersecurity Data Mining Competition (CDMC 2018)
14-16 December 2018, Siem Reap, Cambodia

Organizing Chairs:

Tao Ban, Japan
Kitsuchart Pasupa, Thailand
Paul S. Pang, New Zealand
Kaizhu Huang, China
Youki Kadobayashi, Japan
Jungsuk Song, Korea
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Tom Gedeon, Australia
Yoichi Shinoda, Japan
Jonathan Chan, Thailand
Hossein Sarrafzadeh, New Zealand
Baoliang Lu, China

Important Dates for Workshop:

Paper submission: Jun 1, 2018
Acceptance Notification: Aug 1, 2018
Camera-ready submission: Sep 1, 2018
Workshop date: Dec 14-16, 2018

Important Dates for Competition:

Competition starts: Jul 1, 2018
Competition closes: Oct 31, 2018
Winner announcement: Dec 16, 2018

Sponsors:

- National Institute of Information and Communications Technology, Japan
- Unitec Institute of Technology, New Zealand

Technical Co-sponsors:

- King Mongkut's Institute of Technology Ladkrabang, Thailand
- Xi'an Jiaotong-Liverpool University, China
- Nara Institute of Science and Technology, Japan
- Korea Institute of Science and Technology Information, Korea
- Asia Pacific Neural Network Society

You are cordially invited to submit papers to the 11th International Workshop on Artificial Intelligence and Cybersecurity (AICS 2018) and participate in the 9th International Cybersecurity Data Mining Competition (CDMC 2018). The two events are associated with the 25th International Conference on Neural Information Processing (ICONIP 2018), Siem Reap, Cambodia, December 14-16, 2018. AICS 2018 and CDMC 2018 award ceremony will be both co-held with ICONIP 2018. For more information on venue, accommodation, and travel, please refer to the conference website at <https://conference.cs.cityu.edu.hk/iconip/>.

AICS 2018 Call for Workshop Papers:

The 11th International Workshop on Artificial Intelligence and Cybersecurity (AICS 2018) was previously the International Data Mining and Cybersecurity Workshop (DMC) which has been held for ten consecutive years. The purpose of AICS is to raise the awareness of cybersecurity, promote the potential of industrial applications, and give young researchers exposure to the key issues related to the topic and to ongoing works in this area. AICS 2018 will provide a forum for researchers, security experts, engineers, and students to present latest research, share ideas, and discuss future directions in the fields of data mining and cybersecurity.

Paper Submission and Publication: Authors are invited to submit papers on novel and mature work. Nominal pages is 8 in Springer LNCS format and maximum is 12 subject to overlength page charge. Please submit your papers via the ICONIP 2018 submission website, indicating the paper is devoted to AICS 2018 in the option list. All accepted papers will be published in the proceeding of ICONIP 2018, an LNCS publication with Springer.

CDMC2018 Call for Competition Participants:

The 9th International Cybersecurity Data Mining Competition (CDMC 2018) at ICONIP 2018 is a challenging, multi-month research and practice competition, focusing on application of knowledge discovery techniques to solve advanced, real-world problems. The competition is open to multi-person teams worldwide. Contestants are invited to participate in solving a set of problems in fields of cybersecurity, text mining, image processing, etc. For more information, including registration details, detailed problem descriptions, and contest rules please refer to the official contest website at <http://www.csmining.org/>.

Prizes and Awards: We have set cash prizes for the competition. The top rank teams of all data mining tasks will be eligible to win a cash prize of NZ \$3000. Additional prizes may be available as travel grants for deserving participants to help them attend the ICONIP 2018 and AICS 2018 in Cambodia. The award ceremony of the competition will be held at the grand banquet of ICONIP 2018, where the winner of the CDMC 2018 will be awarded in front of all the audience and honourable guests of the conference.

