



The 14th International Workshop on Artificial Intelligence and Cybersecurity (AICS2021) and The 12th Cybersecurity Data Mining Competition (CDMC2021)
Dec 8, 2021, Bali, Indonesia
co-located with ICONIP 2021

Towards secure, explainable and trustworthy Artificial Intelligence

Organizing Chairs:

Sye-Loong Keoh, Singapore
Arash Habibi Lashkari, Canada
Geong Sen Poh, Singapore

Organizing Members:

Paul S. Pang, Australia
Iqbal Gondal, Australia
Youki Kadobayashi, Japan
Tao Ban, Japan
Jungsuk Song, South Korea
Fadi Aloul, United Arab Emirates
Zhiyong Liu, China
Daisuke Miyamoto, Japan
Heejun Roh, South Korea
Harith Al-Sahaf, New Zealand
Lei Song, New Zealand
Kitsuchart Pasupa, Thailand
Kaizhu Huang, China
Kok-Lim Alvin Yau, Malaysia
Mamatha Balachandra, India

Advisory Committee:

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Tingwen Hwang, Qatar
Tom Gedeon, Australia
Yoichi Shinoda, Japan
Jonathan Chan, Thailand
Hossein Sarrafzadeh, USA
Baoliang Lu, China

Important dates for AICS Workshop:

Paper submission: Jun 30, 2021
Notification of acceptance: Aug 31, 2021
Camera-ready submission: Sep 30, 2021
Workshop date: Dec 8, 2021

Important dates for competition:

Competition starts: Jul 1, 2021
Competition closes: Sep 30, 2021
Winner award ceremony: Dec 8, 2021

Co-organizers:

National Institute of Information and Communications Technology, Japan

Co-sponsors:

Federation University, Australia

Technical Co-sponsors:

International Cyber Security Data-mining Society (ICSDS)
International Neural Network Society (INNS)
Asia Pacific Neural Network Society (APNNS)

You are cordially invited to submit papers to the 14th International Workshop on Artificial Intelligence and Cybersecurity (AICS 2021) and participate in the 12th International Cybersecurity Data Mining Competition (CDMC 2021). The two events are associated with the 28th International Conference on Neural Information Processing (ICONIP 2021) as a special session. ICONIP will be held in the beautiful Bali, Indonesia on December 8 – 12, 2021. For more information on venue, accommodation, and travel, please refer to the conference website at <https://iconip2021.apnns.org/>.

AICS 2021 Call for Papers:

The International Workshop on Artificial Intelligence and Cybersecurity (AICS 2021) is previously known as the International Data Mining and Cybersecurity Workshop (DMC) which had been held for ten consecutive years. The AICS workshop aims to raise the awareness of cybersecurity, promote the use of Artificial Intelligence (AI) for securing industrial applications and to give young researchers an exposure to key issues and research works in AI and cybersecurity. AICS 2021 will provide a forum for researchers, security experts, engineers, and students an opportunity to present their latest research, share ideas and to discuss future directions in the fields of data mining, AI, machine learning and cybersecurity.

Paper Submission and Publication: The workshop solicits novel research and industry papers relating to Artificial Intelligence and cybersecurity. A paper will normally be 10– 12 pages long and should be in Springer LNCS format. All papers should be submitted via the ICONIP 2021 submission website and indicate AICS 2021 in the option list. All accepted papers will be published by Springer in the proceedings of ICONIP 2021.

CDMC2021 Call for Competition Participants:

The 12th International Cybersecurity Data Mining Competition (CDMC 2021) at ICONIP 2021 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 relating to cybersecurity, text mining, image processing, etc. For more information, including the registration details, the problem description and competition rules, please refer to the official competition website at <https://www.csmining.org/>.

Prizes and Awards: We have set aside cash prizes for the competition. The top ranked teams of all tasks will be eligible to win a cash prize. Additional prizes may be available as travel grants for deserving participants to subsidize their attendance at ICONIP 2021 and AICS 2021. There will be an award ceremony of the competition to be held at ICONIP 2021, where the winner of the CDMC 2021 will be presented the prize by the organizers.

