The 2012 Cybersecurity Data Mining Competition and Workshop

http://cdmc2012.csmining.org

Technical co-sponsorship: Unitec, AUT, NICT, NAIST, APNNA, ENNS, INNS

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Technical Support Chair:
Lei Song

Important Dates:
June 1, 2012 – Competition Starts
August 31, 2012 – Competition Closes
November 12, 2012 – ICONIP 2012 Conference Begins
November 15, 2012 – ICONIP 2011 Conference Ends
November 14, 2012 – Results Publish
November 14, 2012 – DMC 2012 - Workshop

The competition is associated with the 5th International Workshop on Data Mining and Cybersecurity (DMC2012), which is an associated event to the 19th International Conference on Neural Information Processing (ICONIP2012), Doha, Qatar, November 12 - 15, 2012. The competition is open to anyone who would like to register.

Venue: Doha, where the hospitality and the views of Doha Bay and the city skyline can be enjoyed, and where the Museum of Islamic Art (the architectural masterpiece designed by the Pritzker Prize laureate) and the centuries-old traditional market Souq Waqif can be visited. The workshop will be held on November 14 2012 in Doha, Qatar.

Objectives: The purpose of the 2012 ICONIP Cybersecurity Data Mining Competition is to increase awareness of Cybersecurity and the potential of industrial applications, and give young researchers exposure to the main issues related to the topic and to ongoing work in this area. The focus of this competition is on string sequences analysis towards application of knowledge discovery techniques for protecting personal computer information by means of detection, preventive measures, and responding to various attacks.

Prizes and Awards: We have set cash prizes for the competition. The top ranking teams of all 3 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 ICONIP2012 conference and/or the DMC2012 workshop.

Paper submissions and publications: Prospective authors are invited to submit original, high quality manuscripts of up to eight A4-pages in the track of (A) Data Mining and Machine Learning Methods; and (B) Cybersecurity Data Mining Systems and Applications. The submission must conform to the Springer LNCS format and be performed through the ICONIP2012 online submission gate. All papers accepted for workshop will be published in the proceeding of ICONIP2012 with Lecture Notes in Computer Science Springer. Selected and extended papers will be recommended for publication in Memetic Computing Springer, or IEICE Transactions Journals, or in the ICONIP2012 special issues of Neurocomputing and Neural Computing and Applications. Note that submission of a paper to DMC2012 is not a compulsory condition for your participation of CDMC2012 competition.

Deadline for submission: The final submission deadline is on 31st of August 2012, and the competition results will be announced by 14th, November 2012.