

De: **Communications** communication@crm.umontreal.ca

Objet: [cmath] 2-day short course and 3-day workshop: Statistical and Computational Challenges in Networks and Cybersecurity. May 4 - 8 2015, Montreal

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À: CMath E-Mail Distribution List cmath@cms.math.ca

2-day short course and 3-day workshop:
Statistical and Computational Challenges in Networks and Cybersecurity
May 4 - 8 2015, Montreal

Networks and cybersecurity are producing varied, rich, complex and BIG data. Great research opportunities are opening up in the statistical, computational and mathematical sciences. This short course and workshop will showcase the latest statistical and machine learning research for social networks (eg facebook), text mining, and cyberdefense.

Monday-Tuesday: short course by Eric Kolaczyk of Boston University, on "Statistical Analysis of Network Data", based on his book, and its companion volume on R implementations of network models.

Wednesday-Friday: research workshop with many international speakers.

Financial support for students and postdoctoral fellows available (Deadline April 1).
There will be a poster session (Deadline April 1).

See the workshop website to apply for financial support and submit a poster abstract.

For more information, see the workshop website (http://www.crm.umontreal.ca/2015/Challenges15/index_e.php).

If you have students interested in network data, this will be an excellent opportunity for them to get both an introduction to statistical approaches and hear about leading research.

We're looking forward to seeing you in Montreal in May!

This event is affiliated with the CANSSI / Fields thematic program on big data, with support from CRM and AARMS.

Hugh Chipman
Francois Theberge

Workshop co-chairs