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Department of Medicine
Channing Division of Network Medicine

Channing Network Science Seminar

September 12, 2014, 11:00am @ 5th-floor Conference Room

Speaker: **Endre Csóka**

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What mathematicians can help you deal with large networks?

Abstract: There is a mathematical theory of large networks motivated by biology, statistical physics, sociology and other topics. This tries to catch what we exactly mean by similarity of different networks, how we can measure similarity, what does this exactly mean and what it does not mean. There are two disjoint theories, one can deal with networks where a positive fraction of pairs of nodes are connected, and the other theory can deal with bounded degree networks. I will give a rough description of them, only to make you know in which kind of questions about large networks mathematics may help you.

Hosted by Yang-Yu Liu