



Ph.D. supervisor
Daniela Tuninetti
Assistant Professor
Department of Electrical and Computer Engineering
University of Illinois at Chicago
<http://www.ece.uic.edu/~daniela/>

Ph.D. supervisor
Natasha Devroye
Assistant Professor
Department of Electrical and Computer Engineering
University of Illinois at Chicago
<http://www.ece.uic.edu/Devroye>

Seeking students interested in pursuing a Ph.D in:

- wireless networks
- information theory

Position opened: September 1, 2010
Position available: January 1, 2011

Description:

The University of Illinois at Chicago's Department of Electrical and Computer Engineering has two fully paid (subject to performance) Research Assistant openings for a project looking at the information theoretic limits (capacity) of wireless networks. A strong mathematical / statistical background is essential; prior exposure to information theory and in particular multi-user information theory is beneficial. The project will be under the guidance of Assistant Professors Daniela Tuninetti and Natasha Devroye, who have worked on information theoretic aspects of multi-user communication systems.

Students would need to be accepted into UIC's ECE Ph.D. program, see <http://www.ece.uic.edu>.

If interested please send a CV with at least the following to devroye@ece.uic.edu, danielat@uic.edu

- courses taken and grades obtained
- relevant research experience
- at least 3 references (preferably professors) with e-mails and telephone #s
- one in depth paragraph on why you are interested in information theory and wireless networks
- "IT position" in the e-mail's title

Info about UIC's ECE department

- ~ 30 faculty, research university, much more information at <http://www.ece.uic.edu>
- Sister school of University of Illinois at Springfield and University of Illinois at Urbana Champaign (UIUC)
- located in downtown Chicago -- a wonderful place to live and learn