



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:

- statistical signal processing
- information theory
- radar

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 one fully paid (subject to performance) Research Assistant opening for a project combining information theory, statistical signal processing with radar signal processing. A strong mathematical -- in particular probability theory and statistics -- background, combined with exposure and experience in either statistical signal processing or preferably radar signal processing is essential. This project is funded by the (United States) Air Force Office of Scientific Research and as such will involve exposure to both theoretical and practical radar systems. The project will be under the guidance of Assistant Professor Natasha Devroye, who has 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

- 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 and suitable for this project
- "Radar 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