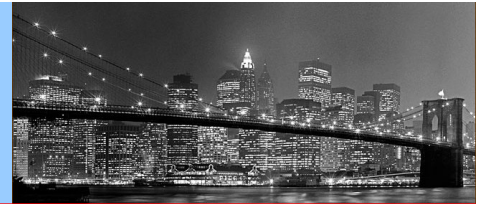




August 23, 2006 14:00 – 17:00

admission is free
Mackenzie Building 4359
Carleton University



CU@EMBS Presentations for EMBC 2006

This year the annual international conference of the IEEE Engineering in Medicine and Biology Conference will be held in New York City, NY from August 31 to Sept 3, 2006. There will be a large delegation from Carleton University, including students and professors presenting their research at this conference. This session includes five of these presentations that will be given at this conference.

Reliable Respiration Rate Estimation from a Bed Pressure Array

Megan Howell-Jones

Aspects of Nonlinear Dielectric Spectroscopy of Biological Cell Suspensions

Chris McLellan

Application of Velocity Filters to Somatosensory Evoked Potential Measurements for Removal of Stimulus Artifact

Nabil Yazdani

Approximated Maximum Mutual Information Training for Speech Recognition Using Myoelectric Signals

Kent Guo

Segmentation and Landmark Identification in Infrared Images of the Human Body

Christophe Herry

About CU @ EMBS

The Carleton University EMBS Club was established in the summer of 2003 by graduate students in the Department of Systems and Computer Engineering. The club is open to any student, undergraduate or graduate, at Carleton University. It's a social club, a professional development club, and an academic club all in one.

The club goals are to:

- enable members to meet and network with people (students, professors, and those in industry) with similar interests
- promote the development and awareness of biomedical engineering throughout the university, elementary and high schools, and in the community
- provide members with opportunities to exchange ideas and information
- expose students to a diverse range of projects within the field
- bridge the sense of isolation that graduate students experience from time to time.

The IEEE Engineering in Medicine and Biology Society (EMBS) is the world's largest international society of biomedical engineers, with about 8000 members. EMBS has been serving the needs of biomedical engineers throughout the world since the early 1950's. EMBS members have an interest in biomedical engineering, and come from diverse backgrounds - ranging from medical doctors and clinical engineers to physicists and students.



IEEE EMBS Ottawa Chapter

<http://ewh.ieee.org/r7/ottawa/embs/>