

Drexel University's
Department of Psychology presents
Dr. Ciprian Crainiceanu

Professor, Johns Hopkins University



Wearable Computing and
Clinical Brain Imaging
February 27th
1:00 PM
Disque 109

Ciprian Crainiceanu is a Professor in the Department of Biostatistics at John Hopkins University. The talk will focus on wearable computing (accelerometers, heart monitors) and structural brain imaging and will introduce three distinct scientific areas. The first part of the talk will focus on movement recognition, identification of circadian patterns of activity and quantification of their association with health outcomes. The second part will be dedicated to the association of stroke location and stroke severity using computed tomography (CT) brain imaging in a large clinical trial. The third part will focus on structural MRI (sMRI) and its application to longitudinal lesion segmentation, tracking, and quantification in Multiple Sclerosis patients. Emphasis will be on the scientific problems and datasets. General information about Dr. Crainiceanu's work can be found at www.smart-stats.org,