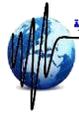




INVITATION



جمعية تكنولوجيات الاحارة و السموية
ATSI



L'Association ATSI des Technologies du signal et de l'Image (ENIS), en coordination avec le Laboratoire ATMS (Advanced Technologies Medicine & Signals) de l'ENIS, et l'Université Concordia (Montréal CANADA), ont le plaisir de vous inviter à une conférence avec débat, table ronde et formation annexe, animé par le Professeur Habib BEN ALI, Directeur du Centre PERFORM de l'Université Concordia. [Enregistrement en ligne: <https://urlz.fr/8ktz>]

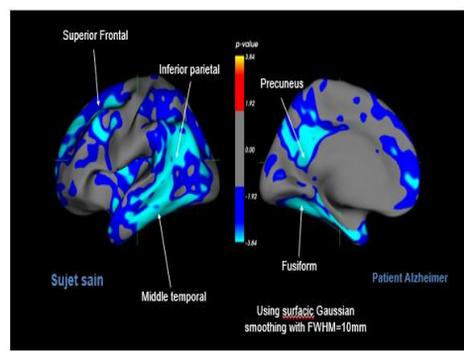
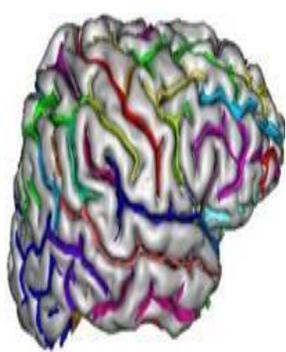
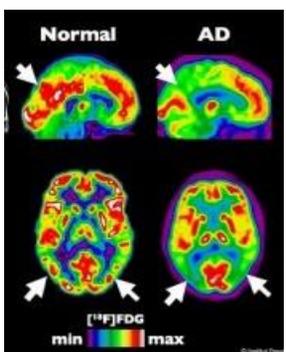
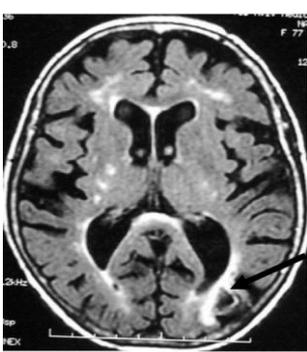
Techniques Avancées en Neuroimagerie Simulation Numérique des Pathologies Neurodégénératives

Professor Habib BEN ALI

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Canada Research Chair,
Biomedical Imaging and Health Aging
Scientific Director, PERFORM Centre*



Biography:
Professor Habib BEN ALI was the director of the unit INSERM 678, Laboratory of Functional Imaging of the French National of Health and Medical Research (INSERM) until 2013.
He was the deputy director of Biomedical Imaging Laboratory, INSERM - The National Center for Scientific Research (CNRS) and Paris 6 University (UPMC), France, until January 2016.
He was also the co-director of the International Laboratory of Neuroimaging and Modelisation of the INSERM-UPMC and Montreal University until 2015.
He is currently Scientific Director, PERFORM Centre and Professor, Department of Electrical and Computer Engineering Faculty of Engineering and Computer Science Concordia University Montreal, QC, Canada.
His current research group interests are in human brain computational modelling and functional connectivity analysis using multimodal analysis of electromagnetic and hemodynamic processes in the brain and spinal cord.
He carefully developed mathematical models to better understand the mechanisms of brain activity and neurovascular coupling using (BOLD fMRI, MRS, EEG, optical imaging) signals.
He proposed macroscopic models of the spatial extent of the anatomical networks and their functional dynamics.
The overarching goals of his research program is to address the problem of developing models for the numerical simulation of the human brain activity and physiopathological neurodegenerative disease through an integrated biomedical approach.
Various conferences and debates were assured by Professor Habib BEN ALI especially those during the past ATSI editions: Great interests and appreciations were in fact deduced.
For details see <http://explore.concordia.ca/habib-benali>



15,16 Décembre 2018 ENIS, Sfax

