



פרופסור פדרו א' ולדז-סוסה

סגן מנהל כללי למחקר במרכז למדעי המוח, קובה
ראש המעבדה המשותפת סין-קובה למחקר פורץ דרך בניורוטכנולוגיה תרגומית

Prof. Pedro A. Valdes-Sosa

General Vice-Director for Research, Cuban Neuroscience Center,
Head of the China-Cuban Joint Lab. for Frontier Research in Translational Neurotechnology

Lecture | הרצאה

DATA AND MODEL DRIVEN EEG/fMRI FUSION

Professor Valdes Sosa is an internationally renowned researcher in the field of neuroscience, specializing in human brain mapping and neuroinformatics. His work focuses on the development of quantitative EEG methods and systems for the diagnosis of brain disorders, especially involving statistical learning methods for diagnosis, new techniques for Electrophysiological Source Imaging, mesoscopic neural mass modeling of the EEG and fMRI and data driven and model driven EEG/fMRI fusion. He has developed various advanced modeling approaches such as the Variable Resolution Electromagnetic Tomography (VARETA) and the Granger causal analysis of brain networks as a tensor regression problem. He has been nationally and internationally acknowledged for his outstanding work and has published more than 180 papers in many of the major electrophysiological and neuroimaging journals.

ההרצאה תתקיים ביום ראשון,
6 במרץ 2016, בשעה 12:00,
חדר 214, בניין שרת למדעי החינוך,
אוניברסיטת תל-אביב, רמת-אביב

The lecture will be held on Sunday,
6 March 2016, at 12:00
room 214, Sharett Educational Sciences Building
Tel-Aviv University, Ramat-Aviv