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IULIU HAȚIEGANU
UNIVERSITY OF
MEDICINE AND PHARMACY
CLUJ-NAPOCA



FACULTY of MEDICINE
DEPARTMENT of
NEUROSCIENCES



FOUNDATION OF THE
SOCIETY FOR THE STUDY OF
NEUROPROTECTION AND
NEUROPLASTICITY



**International
School of Neurology**



RoNeuro
Institute for Neurological
Research and Diagnostic

SEMINAR

EYE TRACKING IN NEUROSCIENCES

OCTOBER 14TH -15TH, 2015

"RoNeuro" Institute for Neurological Research and Diagnostic
37 Mircea Eliade Street, Cluj-Napoca, Romania



Welcome Address

It is a pleasure to welcome you to the 31th edition Seminars of the Neurosciences Department, "Eye Tracking In Neurosciences Seminar", October 14th- 15th, 2015. The seminar is hosted by the Department of Neurosciences, Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca and "RoNeuro" Institute For Neurological Research and Diagnostic.

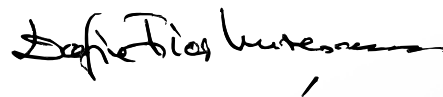
This seminar aims to establish itself as a highly useful framework that will enable local specialists to benefit from the expertise of our invited speakers who are part of associated international faculty of our Department of Neurosciences Cluj-Napoca, Romania and RoNeuro Science network. Our scope is to flourish over years and set up an educational vector aiming to meet our junior and senior specialists' needs.

In contrast to large international conferences, the intention behind these seminars is to create an informal and intimate setting, which hopefully will stimulate open discussions. As organizers, we would therefore be deeply grateful if you participate and share your time with us.

We are looking forward to your active participation in this educational event!

With consideration,

Prof. Dr. Dafin F. Mureșanu,
Chairman Department of Neurosciences, Faculty of Medicine,
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj Napoca, Romania



Organizers



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University of Medicine and Pharmacy
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Speaker



Speaker

Current position

Market Research Project Manager and Trainer– Tobii ServicesTobii Technology, Sweden

Educational Background

MsC in Psychology, Universitat Autònoma de Barcelona.

Experience

More than 8 years experience in scientific research in Psychology, including perception, attention and psychophysiology.

More than 5 years of eye-tracking research experience in national and international projects aimed at studying audiovisual perception and user experience in innovative technological solutions.

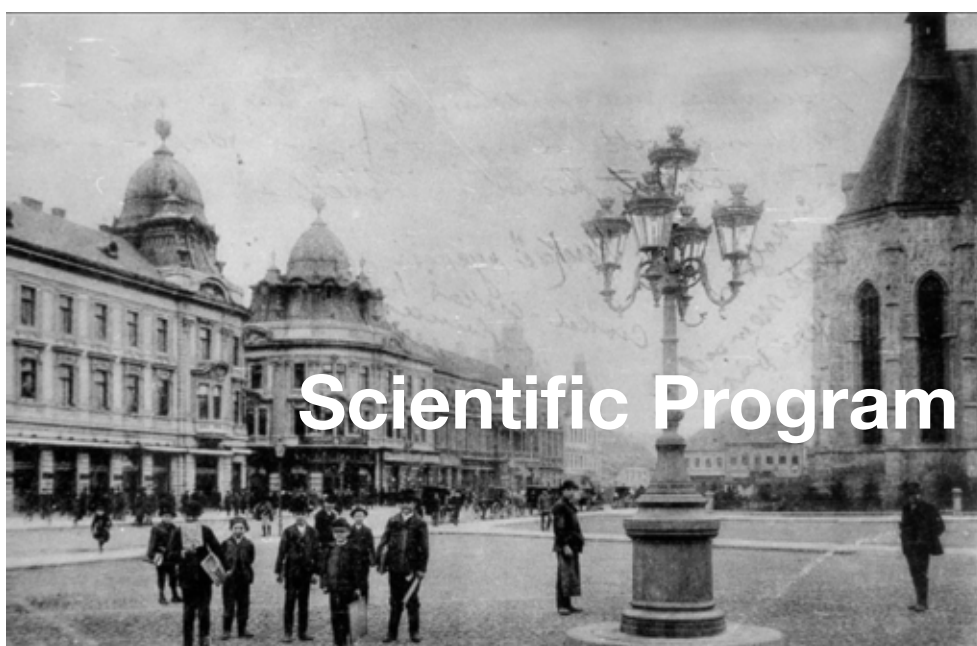
Experience in university teaching.

Master both qualitative and quantitative methods.



**ANNA
VILARO
/SWEDEN**





Scientific Program



Scientific Program

WEDNESDAY 14TH OCTOBER, 2015

9.30 – 11.00

Introduction to human vision and eye movements.

11.00 – 11.30

Coffee Break

11.30 – 12.30

What is eye-tracking and how does it work.

12.30 – 13.30

Hands on: TX300 set ups.

13.30 – 14.30

Lunch

14:30-16:30

Tobii Studio software (part 1)



Scientific Program

THURSDAY 15TH OCTOBER, 2015

9.00 – 11.00

Tobii Studio software (part 2).

11:00 – 11:30

Coffee Break

11:30 – 12:30

Study design and case studies.

12:30 – 13:30

Lunch

13:30 – 15:00

StimTracker.

15:00 – 16:00

Hands on: Synchronizing EEG and ET.





Abstract



Eye Tracking In Neurosciences

The training session aims to introduce the audience to eye tracking as a research method. The objective of the training is to provide the attendees with the knowledge to integrate eye-tracking methodology to their own projects. During 2 days the training will introduce the basic concepts about eye-movements and human vision. These basic concepts will include the different types of eye-movements and what they can tell us about human behaviour. It will also present the fundamentals of how eye-trackers works, focusing on the Tobii TX300 eye-tracker and the possible set-ups, including the synchronization with other devices such as EEG. The session will also present a walkthrough for Tobii Studio software as well as background in how to design an eye-tracking study. Session will also include hands-on experience.



**ANNA
VILARO
/SWEDEN**







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