



Training in cognitive psychology: interest and implementation of studies supported by Eye-Tracker



Presentation

This training, organized by the laboratory of Cognitive Psychology and Neuropsychology of the university of Mons, will welcome two experts in the use of Eye-Tracking in clinical and experimental cognitive psychology. On the 26th and 27th of March 2019, the speakers will present their recent work, as well as a workshop specially designed to allow participants to master the creation of an experimental protocol with an SMI Eye-Tracker. This training offers a space of communication intended for psychology and neuropsychology students as well as confirmed clinicians and researchers. Participation in this training can be credited within the PhD doctoral training.

Practical organization and registration

The training is free. However, for practical reasons a registration is required by email at the following address: secretariat.PCN@umons.ac.be.

Program

Three half days are planned as followed: two talks of an hour and half, followed by a period of discussion of half an hour and one workshop of two hours. The three half days will be hosted by Pr. Izabela Krejtz and Dr. Monika Kornacka, both currently working within the Interdisciplinary Center for Applied Cognitive Studies (Warsaw, Poland).

Dr. Izabela Krejtz is an associate professor of Interdisciplinary Center for Applied Cognitive Studies at University of Social Sciences and Humanities Computer Science. She is a specialist in eye-tracking methodology and cognitive psychopathology. Her research interests circle around the field of eye tracking and positive psychology focusing on factors influencing daily well-being. Her applied work focuses on pro-positive trainings of attention control and eye-tracking studies in the



perception of subtitles by deaf and hard-of-hearing. She is a cofounder of the Eye tracking Research Center at the University of Social Sciences and Humanities Computer Science. She is the project leader of an innovative online pro-positive training aimed at attentional bias modification among clinically depressed. She was a leader of a grant from Foundation for Polish Science related to predictors of daily well-being and stress.

Dr. Monika Kornacka is a post-doctoral researcher at the Interdisciplinary Center for Applied Cognitive Studies at University of Social Sciences and Humanities. She is currently working on the project “Dynamic Relation between Repetitive Negative Thinking and Inhibition in Depression – Daily Process Approach”, funded by the Polish grant from National Science Centre with the Marie Skłodowska-Curie Actions Cofund. After obtaining her bachelor’s degree in psychology from the University of Poitiers (France), she received her master’s degree in Clinical Psychology – Cognitive-Behavioral Therapies from the University of Lille (France). In 2015 she has successfully defended a European Labeled Doctorate Degree in clinical psychology funded by a 3-year fellowship from the University of Lille (former French Ministry of Higher Education doctoral grant). Her PhD work focused on the processes moderating the efficiency of processing mode change in repetitive negative thinking.

Use of eye-tracking in clinical psychology, Pr. Izabela Krejtz and Dr. Monika Kornacka, 26th March 2019, 10h. in the A07 local (« Pentagone » building, Avenue du Champ de Mars n°6, 7000 Mons)

This first conference aims at presenting the interest and application of the Eye-Tracking technology in clinical psychology. The speakers will support their talk in regards with their recent research.



Technical and practical aspects of collecting and analyzing eye-tracking data, Pr. Izabela Krejtz and Dr. Monika Kornacka, 26th March 2019, 13h. in the A07 local (« Pentagone » building, Avenue du Champ de Mars n°6, 7000 Mons)

During their talk, the speakers will highlight the practical aspects of an Eye-Tracking research in clinical and experimental psychology. They will support their talk with practical consideration they had to deal with during they own researches.

SMI eye-tracking in practice - Useful tips, Pr. Izabela Krejtz and Dr. Monika Kornacka, 27 Mars 2019, 10h. in the A11 local (« Pentagone » building, Avenue du Champ de Mars n°6, 7000 Mons)

In this workshop, the speakers will create an experimentation through an SMI Eye-Tracker, available within the Faculty of Psychological and Educational Sciences of the University of Mons. They will subsequently analyze with the participants previous results obtained with the same task. This workshop will allow participants to be trained for the creation and analyzing of data of an experiment realized through an SMI Eye-Tracker.



With the support of the Thematic Doctoral School in Neurosciences

Registrations:

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