

Zgłoszenie tematu pracy dyplomowej :: STUDIA I STOPNIA ::

Promotor:	Dr. hab. Martin Malčík, prof. UP
Temat pracy dyplomowej (j. polski, j. angielski):	Eye-Tracking Method in Natural Science Education Research <i>Eye-tracking technology is applied in hundred studies of Learning. Where and how eye movement measures can be used for investigations in education is main goal of the thesis. In this theoretical thesis student should deal with various eye-tracker measures and its uses in learning investigation.</i>
Zakres pracy i oczekiwane rezultaty praktyczne:	Eye-tracking is widely used in marketing, reading research, in sportsmen education etc., however in education research it is rarely used. The method can be used for both qualitative and quantitative form of research. In this thesis various eye-tracking parameters will be analyzed as a raw data and new view and output will be programmed.
*Wymagane oprogramowanie/języki programowania:	Any programming language
*Środowisko uruchomieniowe:	Windows or Linux
Dodatkowe wymagania i uwagi:	English at a level enabling reading of papers and technical documentation
*Literatura:	C.S.Campbell, P.P.Maglio A robust algorithm for Reading detection, ACM Workshop on Perceptive User Interfaces, 2001. Rayner, K. (2009). Eye movements and attention in reading, scene perception, and visual search. <i>The Quarterly Journal of Experimental Psychology</i> , 62 (8), 1457–1506.

*pola opcjonalne