

Influence of mental load on driver's attention



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This preliminary paper deals with influence of mental load on driver's attention. EEG (electroencephalography) and ERP (Event related potentials) techniques are used for investigation of the level of driver's attention. A short overview of experiments dealing with drivers' attention is given and the ERP technique and the P3 component are described. General assumptions related to P3 amplitude and P3 latency are introduced. Then experimental design is described. At present the resulting EEG/ERP data are analyzed and their interpretation will be provided during congress presentation and in the final version of the paper.

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