

# 第82回スポーツサイエンス研究会

グローバルCOEプログラム「アクティブ・ライフを創出するスポーツ科学」

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場所 早稲田大学 所沢キャンパス 100号館5F 第1会議室

## 演題 Methodology of Coregistration of Eye Movements and EEG

Dr. Werner Sommer  
(Humboldt University)

In this talk I will introduce a potential new method of the simultaneous recording of both eye tracking and event-related potentials (ERP), extracted from the electroencephalogram. However, due to methodological constraints, ERP-research has been overwhelmingly confined to word-by-word presentation designs in a study of reading. It is therefore unclear, how the findings from the two research traditions relate to each other. In my talk I will outline the obstacles towards overcoming this limitation by coregistration of eye movements and ERPs, suggest possible solutions, and present some examples for recent findings from coregistration experiments performed in my lab.



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