

Übersicht zu möglichen Bachelor/Masterarbeitsthemen im Arbeitsbereich Neuromotorik und Training

Theoretical / Empirical	Contact Information	Student level (BSc/MSc)	Desirable skills	Possible timeframe	
Age effects on motor related cortical potentials during the flanker task	Empirical	stephanie.froehlich@uni-muenster.de	BSc/MSc/MEd	Dataprocesssing with Matlab and/or Python, Interest in EEG, high level of self-organisation	asap
Erstellung und Evaluation von digitalen Lehrmaterial für das Seminar Leichtathletik	Theoretisch/praktisch/empirisch	matthias.hendricks@uni-muenster.de	BSc/MSc	Erfahrungen / Interessen im Bereich LA	ab jetzt
A systematic review on the effects of dual tasking on motor control (with focus on motor variability)	Systematic Review	julian.rudisch@uni-muenster.de	BSc/MSc	N/A	ASAP
https://www.uni-muenster.de/Sportwissenschaft/Neuromotor-Behavior/forschung/handai/index.html		julian.rudisch@uni-muenster.de	Lehramt	(not mandatory)	
The effects of a mid-season World Cup on injury numbers in the English Premier League	Empirical	julianr@uni-muenster.de	BSc / MSc	Website scraping is useful.	ASAP
The evolution of female match play: are females harder, better, faster, stronger	Empirical	julianr@uni-muenster.de	BSc / MSc		ASAP
Most common symptoms and perceived performance decrements in female athletes: A systematic review	Review	julianr@uni-muenster.de	BSc / MSc	Good literature searching skills	ASAP
Recording and analysis of fNIRS signals during cognitive tasks in post-COVID patients and control subjects (old and young).	Empirical	dieter.kutz@uni-muenster.de	MSc	Knowledge of fNIRS measurements	ASAP
Dynamic analysis of fNIRS signals in postCOVID patients	Theoretical / empirical	dieter.kutz@uni-muenster.de	MSc	Knowledge of fNIRS measurements	ASAP