University of Zurich[UZH]

Zurich Center for Integrative Human Physiology (ZIHP)
PhD Program in Integrative Molecular Medicine (imMed)

University of Zurich
Winterthurerstrasse 190
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www.zihp.uzh.ch

Course advertisement

From multi-sensory integration to motor performance: theory and clinical application

To understand human movement, we need to know how the central nervous system integrates visual, vestibular, and proprioceptive information to optimize balance, navigation, gaze stabilization, and perception of gravity and self-motion. This course offers an integrative approach to the problem by concentrating on the physiology and psychophysics of human responses to physically well defined stimuli. We will also touch upon the clinical relevance of found principles.
The course is open to all PhD students. Students of the PhD Program in Integrative Molecular Medicine (imMed) have priority.

Dates / time	October to December 2018 (10 lectures/practicals at 2 hours each)
Venue	University Hospital Zurich, room BOL 28 U3 Bolleystrasse 28, Zurich
Type	Lectures and practical lab classes
Preparation	Prereading - to be announced
Maximum participants	8
Course coordinator	Dr. Giovanni Bertolini (giovanni.bertolini@usz.ch) Biomedical Engineer, Head of Swiss Space Travel and AiR Sickness group (SSTARS), Clinical Vestibulo-Oculomotor Lab Neurology Department, University Hospital Zurich
Further information	imMed Coordinating Office (preisig@zihp.uzh.ch)
Credit points	2 ECTS credit points (short MC examination)
Registration	By e-mail to preisig@zihp.uzh.ch before September 28, 2018