

Movement analysis – how do we capture motor behaviour and what does it tell us?

Human behaviour (almost?) always entails movements of some sort and this display may contain information on underlying mechanisms and may be used as a window to reveal hidden processes within the body. During movements such as walking or reaching for an object, these processes are still not well understood and comprise a cascade of information integration on various levels along the neuraxis. Studying the effects of distinct neurological disorders may shed light upon structure – function relations and objective and detailed analysis of human motor behaviour may allude to underlying deficits undetected by the naked eye.

Although technical advances promote our understanding of motor control, we are still far from capturing the complex mechanisms and even further from providing a cure to individuals suffering from neurological or other movement disorder.

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Jeudi
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Salle 0.08 (Auditorium B)
Haute école de santé Fribourg
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Entrée libre, sans inscription préalable.
Der Vortrag wird auf Englisch gehalten.

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