Kognitionswissenschaftliches Kolloquium

Sommersemester 2019, Zeit: Donnerstag 16 ct., Ort: Fachbereich Psychologie, Schleichstr.4, Ebene 3, Raum 4326

Termin | Vortrag
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25. 04.2019 | Ph.D. Surya Gayet (Radboud University Nijmegen, Niederlande): Evaluating the evidence for high-level processing under continuous flash suppression
| Host: V. Franz / S. Meyen

Continuous flash suppression (CFS; Tsuchiya, & Koch, 2005) is a perceptual masking technique that allows for rendering visual stimuli invisible for multiple seconds. A recent emergence of studies using this masking technique has re-ignited the long-standing debate on the extent to which visual stimuli are processed non-consciously: is non-conscious processing limited to low-level (basic visual) processing, or can we extract semantic, relational, or abstract information from stimuli that are not consciously perceived? I will provide a brief overview of a number of landmark studies showing evidence for such high-level processing, and discuss replications, re-analyses, and possible issues with these studies. Building upon this, I will show new data that provides evidence for more parsimonious, low-level accounts of published findings that were initially provided as evidence for high-level processing. Finally, I will discuss three criteria that could help assess the evidential weight of studies demonstrating high-level processes in the absence of consciousness.

Organisation: Bettina Rolke, Volker Franz

Gäste sind herzlich willkommen!