



# Institutsskolloquium

## Psychologisches Institut

**Dr. Udo Ernst**

Institute for Theoretical Physics Bremen

**„Integration of dynamic contours:  
Attention matters!“**

Mittwoch, 11.02.2015, 16.15 – 17.45 Uhr,  
Raum 01-231 (Binger Str. 14-16)



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**Abstract:**

**“Integration of dynamic contours: Attention matters!”**

Vision relies on processes that integrate spatially distributed local elements into coherent global percepts. Contour integration is a prominent example for such a process, and in briefly flashed scenes human observers are fast and efficient in detecting contours. However, in dynamic scenes the picture changes: contours do not "pop-out" anymore, are very hard to perceive, and require substantial attentional resources for being reliably detected. In my presentation, I will present recent results comparing contour integration in static and dynamic stimuli, and discuss how efficient location cues, shape cues, and cue combinations improve contour detection.