

# **EINLADUNG**

zum Vortrag von

**Herrn Prof. Yutaka Hirata**

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zum Thema

**Adaptive oculomotor control in fish and humans**

Abstract:

Why do we and other animals move the eyes? This lecture starts from this fundamental question, and introduces a series of our studies on adaptive oculomotor control in fish and humans. Those include 1) predictive eye movement and a role of the cerebellum in its acquisition and maintenance, 2) realistic artificial cerebellum used for adaptive robot control, 3) the vestibulo-ocular reflex and vergence eye movement as predictors of sleepiness, 4) oculomotor integrator adaptation promoted under hyper-gravity, 5) oculo-feedback of microsaccades to enhance your attentional state.

**Donnerstag, 11.07.2019, 15:30 – 17:00 Uhr**  
**BTU Cottbus – Senftenberg, LG 3A, R. 353**

Alle Interessenten sind herzlich eingeladen!