



Public outreach event

[On-site & Online] Mechanisms for balancing sleep need and sleep

Gero Miesenböck (University of Oxford)

Host: Tom Henzinger

This event will take place on the IST Austria campus in the Raiffeisen Lecture Hall with a limited seating capacity of 100 participants, and it will additionally be offered online on Zoom.

If you would like to attend the IST Lecture on the IST Austria campus, please [register here](#). Please note that due to the limited seating capacity, registration is on a first come - first served basis.

If you would like to attend the IST Lecture online on Zoom, please [register here](#).

Abstract:

The essential but enigmatic functions of sleep must be reflected in molecular changes sensed by the brain's sleep-control systems. Insights into these systems are beginning to reveal the physical nature of sleep pressure and the mechanisms responsible for its accumulation and discharge. These advances are a testament to the enabling power of optogenetics, whose early days the lecture recalls in a handful of personal vignettes.

Bio:

Gero Miesenböck is an Austrian neurophysiologist and is known as the founder of optogenetics. He received his education at the University of Innsbruck and Umeå University in Sweden, and graduated from the University of Innsbruck Medical School in 1993. Miesenböck has received a great number of honors and awards including the Brain Prize, which he received in 2013, and in 2015 he was elected a Fellow of the Royal Society.

Wednesday, October 7, 2020 05:00pm - 06:00pm

IST Austria Campus Raiffeisen Lecture Hall



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.