



Institute colloquium

# Institute Colloquium: Cell polarization in cell migration

**Tobias Meyer**  
Stanford University

Host:

I will be presenting our recent work using live cell fluorescence imaging to understand the molecular basis of polarization in mammalian cells. Particularly, I will be talking about cells that migrate on their own and cells that migrate collectively. Our recent work suggests that a core control element based on Cdc42 is particularly important for polarization and directed migration. In addition, cells can make use of additional supportive signaling mechanisms based for example on the lipids PIP3 and diacylglycerol. Finally, I will be discussing some of our recent results on how follower endothelial cells make use of mechanical cues to establish polarity with the cells ahead.

**Monday, April 28, 2014 04:30pm - 05:30pm**

Raiffeisen Lecture Hall, Central Building



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