

# DETAILED PROGRAM



9h00-9h30: Morning reception

## Morning session | Human and rodent sleep: arousability, consciousness and internal dynamics

9h30-10h15: **Dr. Christian Cajochen**, Centre for Chronobiology (University of Basel)  
*Light alters our need for sleep.*

10h15-11h30:  
10h15-10h40 **Aurélie Stephan** (Francesca Siclari group): *The role of type I SW and high-frequency EEG activity in spontaneous awakenings and subjective sleepiness : a high-density serial awakening study.*

10h40-11h05 **Dr. Silvia Monari** (Carmen Sandi group): *Fear extinction impairments and sleep abnormalities in rats selected for blunted glucocorticoid responsiveness.*

11h05-11h30 **Dr. Georgios Foustoukos** (Anita Lüthi group): *The cerulean gate: A role of the locus coeruleus in the ultradian sleep cycle.*

11h30-11h40: Short break

11h40-12h30:  
11h40-12h05 **Jacinte Cataldi** (Francesca Siclari group): *EEG correlates of consciousness and recall of mental content in disorder of arousals.*

12h05-12h30 **Dr. Geoffroy Solelhac** (Rafael Heinzer group): *Pulse wave amplitude drop index, a new marker of cardiovascular risk in sleep apnea.*

12h30-13h30: Lunch break

## Afternoon session | Mouse and Drosophila sleep: genetic, neuronal & homeostatic mechanisms

13h30-14h15: **Dr. Anissa Kempf**, Biozentrum (University of Basel)  
*Mechanistic control of the sleep homeostat in the fly.*

14h15-15h30:  
14h15-14h40 **Dr. Andrey Lazopulo** (Paul Franken group): *Brain temperature as a read-out of neuronal activity.*

14h40-15h05 **Najma Cherrad** (Anita Lüthi group): *Vagal sensory afferent regulation of mouse sleep: insights into circuits and mechanisms.*

15h05-15h30 **Gianandrea Broglia** (Mehdi Tafti group): *Orexin mediates Neuromodulation during Sleep .*

15h30-16h: Break – informal discussions

16h00-16h45:  
16h00-16h25 **Dr. Carlos Eduardo Sousa Neves** (Paul Franken group): *Regulation of chromatin accessibility by sleep deprivation.*

16h25-16h50 **Dr. Mojtaba Bandarabadi** (Mehdi Tafti group): *Modelling sleep using cultured cells.*

16h50-17h00: Closing remarks