

Symposium Neurophysics: Physical Approaches to Deciphering Neuronal Information Processing (SYNP)

jointly organized by
 the Biological Physics Division (BP),
 the Dynamics and Statistical Physics Division (DY),
 the Semiconductor Physics Division (HL), and
 the Magnetism Division (MA)

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Overview of Invited Talks and Sessions

(Lecture room: H 0105)

Invited Talks

SYNP 1.1	Tue	9:30–10:00	H 0105	Connectomics: The dense reconstruction of neuronal circuits — •MORITZ HELMSTÄDTER
SYNP 1.2	Tue	10:00–10:30	H 0105	Whole-brain imaging and analysis of network activity in behaving zebrafish — •MISHA AHRENS
SYNP 1.3	Tue	10:30–11:00	H 0105	Circuit neurophysics: Theory and biophysics of information-flow through large-scale neuronal systems — •FRED WOLF
SYNP 1.4	Tue	11:15–11:45	H 0105	Cognitive devices based on ion currents in oxide thin films — •STUART PARKIN
SYNP 1.5	Tue	11:45–12:15	H 0105	Distributed neuro-physical interfaces: technology and "exciting" biophysics — •SHY SHOHAM

Sessions

SYNP 1.1–1.5	Tue	9:30–12:15	H 0105	Symposium Neurophysics (SYNP): Physical Approaches to Deciphering Neuronal Information Processing
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