

Swiss Vision Symposium

1st September 2026

Lausanne, EPFL, Room SV 1717

Welcome words (9:00-9:15)

Session 1 – Retinal biology (9:15-10:15)

Naïg Chenais	Exploring the retinal degeneration metabolome
Magdalena Renner	High throughput retina models for therapy development
Corinne Kostic	Translating FAM161A deficiency research: From mechanisms to therapies using mouse models and human retinal organoids

Poster break (10:15-10:45)

Session 2 – Clinical sciences (10:45-12:05)

Hendrik Scholl	Slowing retinal degeneration by targeting retinol delivery via retinol-binding protein 4
Diego Ghezzi	Resting-state ERG measures functional retinal remodelling in retinitis pigmentosa
Bence Gyorgy	Gene-Edited Limbal Stem Cells for Corneal Blindness
Silvio Ionta	Evidence for Robust Trait-like Individual Differences in EEG Visual Evoked Potentials

Lunch and poster break (12:05-13:30)

Session 3 – Visual neurosciences (13:30-15:10)

Micah Murray	The multisensory function of visual cortices
Enea Weber	Visual Mental Imagery, Eye Movements and the Case of Aphantasia
Petra Vetter	Early visual cortex representations of sounds and actions in the absence of sight
Michael Schmid	Artificial visual percepts from optogenetics vs electrical stimulation of primate visual cortex
Ruxandra I. Tivadar	Changes in brain characteristics of mental imagery in NREM parasomnias

Poster break (15:10-15:40)

Session 4 – Computational neurosciences (15:40-16:40)

Martin Schrimpf	NeuroAI to understand and treat the brain
Sabine Süsstrunk	Neural cellular automata
Melissa Faggella	What is behind the veil of noise?

Closing remarks (16:40-16:50)