

Program (v11)

Campus Biotech, Geneva, Switzerland · 4–7 October 2026

Sunday, October 4th

Opening Session · Chair: Dr. Tomas Ros

16:00 – 17:00	Campus Biotech Reception	Arrival / Registration
16:30 – 17:00	Campus Biotech	Optional Campus Biotech Tour (MEG / Neuromodulation / EEG / MRI Facilities)
17:00 – 17:15	Auditorium H8	Welcome Tomas Ros (UNIGE & CIBM) & Pina Marziliano (CIBM)
17:15 – 18:00	Auditorium H8	Plenary Lecture – Andrew Nicholson · <i>From mechanisms to precision treatment: Charting the future of neurofeedback in posttraumatic stress disorder (PTSD)</i>
18:15 – 20:30	Pavillon Barton	Aperitif & Networking (included in registration) Pavillon Barton

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Monday, October 5th

08:30 – 09:00 Campus Biotech Reception Registration & Coffee

Morning Session · Chair: Prof. Dimitri Van De Ville

09:00 – 09:40	Auditorium H8	Keynote – Aurelio Cortese · <i>How reinforcement learning and metacognition shape brain self-regulation</i>
09:40 – 10:00	H8 Hall	Coffee break
10:00 – 10:20	Auditorium H8	Hugo Six (ATR, Kyoto) — Value-guided abstraction maps arbitration in a dynamic environment (ID68)
10:20 – 10:40	Auditorium H8	Jihun Kim (Korea Univ., Seoul) — Whole-brain breath-state real-time fMRI neurofeedback links decoder-guided regulation to the salience network (ID89)
10:40 – 11:00	Auditorium H8	Lucas Peek (Univ. Geneva) — Trial-by-trial fMRI neurofeedback dissociates fusiform and occipital contributions to face detection and recognition (ID122)
11:00 – 11:20	Auditorium H8	Talia Brandman (GrayMatters Health, Haifa) — EEG-fMRI patterns of amygdala and ventral striatal activity as dynamic biomarkers of affective brain systems (ID126)
11:20 – 11:40	Auditorium H8	Brendan Brady (Univ. Ottawa IMHR) — Amygdala versus posterior cingulate rt-fMRI neurofeedback for PTSD: Interim therapeutic and mechanistic findings (ID71)
11:40 – 12:00	Auditorium H8	Panel and general discussion
12:00 – 13:00	Campus Biotech Forum	Standing lunch
12:00 – 14:00	Campus Biotech Forum	Poster session A — standing lunch from 12:00 until 13:00

Afternoon Session · Chair: Prof. Patrik Vuilleumier

14:00 – 14:40	Auditorium H8	Keynote – Patricia Figueiredo · <i>From EEG to fMRI and back: Multimodal insights for neurofeedback intervention</i>
14:40 – 15:00		Attendees move to the symposia rooms

Afternoon Symposia · Three Parallel Tracks

15:00 – 17:00 Parallel symposia (coffee break 16:00 – 16:15 in H8 Hall)

Track A · Mechanisms, predictors & causal inference	Track B · Multivariate decoding, AI & next-gen feedback signals	Track C · Acquisition, signal quality, real-time tooling & BCI
Auditorium H8	Room H8-01-D	Room H8-01-F
<i>Defining neurofeedback success in real-time fMRI: What, when, and for whom?</i> (ID24) Chairs: Meghan E. Martz & Stefanie Russman Block (Univ. Michigan)	<i>Decoding the brain in real-time: Multivariate approaches to fMRI-neurofeedback</i> (ID134) Chair: Nitzan Lubianiker (Yale / Princeton)	<i>Advancing multimodal neurofeedback: Opportunities and challenges of simultaneous EEG-fMRI</i> (ID25) Chair: Frédéric Grouiller (Univ. Geneva / HUG)

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Tuesday, October 6th

08:30 – 09:00 Campus Biotech Reception Registration & Coffee

Morning Session · Chair: Dr. Nicolas Gninenko

09:00 – 09:40	Auditorium H8	Keynote – Oliver Bichsel · <i>Invasive neurofeedback and brain-computer-interfaces: A neurosurgeon's perspective</i>
09:40 – 10:00	H8 Hall	Coffee break
10:00 – 10:20	Auditorium H8	Vincent Aboiroux (CEA Clnatec, Grenoble) — Real-time OPM-MEG motor control of stroke patients before BCI implantation (ID131)
10:20 – 10:40	Auditorium H8	Yingying Huang (Univ. Glasgow) — Real-time fMRI connectivity neurofeedback of M1-thalamus and M1-SMA pathways during motor imagery (ID101)
10:40 – 11:00	Auditorium H8	Stephen LaConte (Virginia Tech, Roanoke) — Tasks as controllers: Engineering real-time fMRI to validate resting-state network dynamics (ID94)
11:00 – 11:20	Auditorium H8	Eleonora De Filippi (Univ. Strasbourg / Parc Taulí, Sabadell) — Restoring emotional stability through neurofeedback and AI for transformative empowerment (ID30)
11:20 – 11:40	Auditorium H8	Kathrin Kistorz (Univ. Vienna) — The speed limit of dynamic and real-time synchrony imaging in fNIRS (ID133)
11:40 – 12:00	Auditorium H8	Panel and general discussion
12:00 – 13:00	Campus Biotech Forum	Standing lunch
12:00 – 14:00	Campus Biotech Forum	Poster session B — standing lunch from 12:00 until 13:00

Afternoon Session · Chair: Dr. Sara Stampacchia

14:00 – 14:40	Auditorium H8	Keynote – Ann-Christine Ehlis · <i>fNIRS-based neurofeedback: Applications in psychiatry</i>
14:40 – 15:00		Attendees move to the symposia rooms

Afternoon Symposia · Three Parallel Tracks

15:00 – 17:00 Parallel symposia (coffee break 16:00 – 16:15 in H8 Hall)

Track A · Mechanisms, predictors & causal inference	Track B · Multivariate decoding, AI & next-gen feedback signals	Track C · Acquisition, signal quality, real-time tooling & BCI
Auditorium H8	Room H8-01-D	Room H8-01-F
<i>Improving the causal mapping of human brain function with neurofeedback</i> (ID80) Chair: Aurelio Cortese (Sungkyunkwan Univ. / IBS, Suwon)	<i>Toward more effective and transferable neurofeedback: From scalable brain decoding to real-world self-regulation</i> (ID22) Chair: Miroslava Hofmanová (CIMH Mannheim / Heidelberg Univ.)	<i>Translational applications for fNIRS neurofeedback training</i> (ID130) Chair: David Mehler (Uniklinik RWTH Aachen)

19:00 – 22:30 Restaurant La Perle du Lac **Social Dinner** (upon registration) at Restaurant La Perle du Lac (6 min walk) Rue de Lausanne 126, 1202 Geneva, Switzerland

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Wednesday, October 7th

09:00 – 09:30 Campus Biotech Reception Registration & Coffee

Morning Session · Chair: Prof. Olaf Blanke

09:30 – 10:10	Auditorium H8	Keynote – Elaine Astrand · <i>Insight into feature modulation, feedback effects, and learner prediction in EEG neurofeedback</i>
10:10 – 10:30	H8 Hall	Coffee break
10:30 – 10:50	Auditorium H8	Masaya Misaki (Laureate Institute, Tulsa) — EEG biomarkers of antidepressant response to real-time fMRI neurofeedback (ID53)
10:50 – 11:10	Auditorium H8	Maria Pfeiffer (Univ. Würzburg) — Downregulation of frontal midline theta with neurofeedback: Easier said than done? (ID56)
11:10 – 11:30	Auditorium H8	Nitzan Lubianiker (Yale / Princeton) — A vagal pathway from fMRI neurofeedback-induced reward activity to peripheral immunity (ID136)
11:30 – 11:50	Auditorium H8	Asli Eroglu (MPI Biological Cybernetics, Tübingen) — Toward closed-loop laminar fMRI: A real-time framework at 9.4T (ID76)
11:50 – 12:10	Auditorium H8	Panel and general discussion
12:10 – 13:00	Campus Biotech Forum	Standing lunch
12:10 – 14:10	Campus Biotech Forum	Poster session C — standing lunch from 12:10 until 13:00

Afternoon Session · Chair: Prof. Patrik Vuilleumier

14:10 – 14:50	Auditorium H8	Synapsy Keynote – Indrit Bègue · <i>Apathy in schizophrenia: Looking for answers in the cerebellum with neuroimaging and brain stimulation</i>
14:50 – 15:00		Attendees move to the symposia rooms

Afternoon Symposia · Three Parallel Tracks

15:00 – 17:00 Parallel symposia (coffee break 16:00 – 16:15 in H8 Hall)

Track A · Mechanisms, predictors & causal inference	Track B · Multivariate decoding, AI & next-gen feedback signals	Track C · Acquisition, signal quality, real-time tooling & BCI
Auditorium H8	Room H8-01-D	Room H8-01-F
<i>Predictors of neurofeedback success: From individual differences to frontoparietal control networks (ID23)</i> Chairs: Jessica Peter (Univ. Bern) & Amelie Haugg (Univ. Zürich)	<i>Semantic neurofeedback of emotions: From basic mechanisms to experimental paradigms and first applications (ID110)</i> Chair: David Linden (Maastricht Univ.)	<i>Advances in M/EEG real-time processing (MNE-RT / GEDAI / AJDC) (ID143)</i> Chair: Patrick Neff (Univ. Hospital Zürich / Univ. Regensburg)

17:00 – 17:30 Auditorium H8 Concluding Remarks
Local Organizing Committee (UNIGE & CIBM, EPFL)