

## Program Day of Cognition October 6<sup>th</sup> 2021, University of Fribourg

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**Meeting location:** PER 09 01.100 and via invitation to MS teams

### Talks

Time	Presenter	Topic
9:05-9:15	Durrleman Group	Introduction into the newly formed ABCCD group.
9:15-9:40	Jenifer Kaldun, Sprecher Group	Amyloid-beta-mediated forgetting
9.40–10:05	Ignacio Alonso, Prsa group	Representation of Proprioceptive Sensory Information in the Cortex and Cerebellum
10:05–10.30	Jing Wang, Rainer Group	The lateral geniculate nucleus as a potential target for prosthetic stimulation in freely moving tree shrew
10.30 – 10:50	<b>Coffee Break</b>	
<b>10:50–11.15</b>	Hamid Azimi, Rainer Group	Activation of basal forebrain parvalbumin neurons exerts frequency dependent effects on auditory processing and behaviour in the rat.
11.15 – 11.40	Houman Javaheri, Courtine Group	Cortical activity is confined into specific neural manifolds during volitional movement
11.40 – 12.05	Jonas Beck, Rasch group	Stress dynamically reduces sleep depth: Temporal proximity to the stressor is crucial
<b>12.05 – 13.05</b>	<b>Lunch break</b>	
13.05 – 13.30	Giusi Pollicina, Vetter Group	Decoding of natural sounds in early visual cortex reveals a more distinct representation of human sounds, compared to non-human sounds
13.30 – 13.55	Giona Spriano, Spierer Group	Swing rhythmic auditory stimulation for gait in Parkinson: preliminary results
13.55 – 14.20	Pauline Schaller, Caldara Group	Prosopagnosia does not abolish Other-Race Effects
<b>14.20 – 14.40</b>	<b>Coffee Break</b>	

14.40 – 15.05	Corentin Wicht, Spierer Group	The electrophysiological correlates of expectations effects.
15.05 – 15:30	Michael Papinutto, Caldara Group	Watchers do not follow the eye movements of Walkers
15:30 – 15:55	Raphaelle Berthele	Investigating cognitive, affective, and social predispositions for additional language learning.
15:55– 16:20	Adrian Hase, Hasler Group	The Language of Psychedelics: Linguistic Analyses of Written Reports on Psychedelic Substance Experiences
16:20 – 18:00	Simon Borgognon & Anastasiya Kostenko from the Group of interactive Neuroscience (GIN)	Informal meet and great with Aperol and a surprise talk in the Pavillon Vert (Botanical Garden) for students and researchers interested in Neuroscience

### Poster presentations (during coffee breaks)

Presenter	Title
Gaëlle Botton-Amiot, Sprecher Group	Dopamine signalling and associative learning in the sea anemone <i>Nematostella vectensis</i>
Ana Humbert Camps, Sprecher Group	Identification of novel genes connected to memory and sleep in the fruit fly
Noemi Sgammeglia, Sprecher Group	Fruit flies' memory lasts longer without HACD1
Marcus Haag, Schmid Group	Optogenetic stimulation of Primate V1 induces activity across cortical layers and elicits a visual percept
Simon Borgognon, Courtine Group	Motor tasks compartmentalization along isolated neural subspaces differs in the primate sensorimotor cortex
Franziska Baumeister, Stephanie Durrleman	Bilingualism and Autism