



Programme final SPNC 2022

Lieu: Auditorium Léon Frédéricq
Institut GIGA - Université de Liège
Bâtiment B34 - CHU de Liège
Avenue de l'Hôpital,11
4000 Liège
BELGIQUE.

24 - Nov – 2022

09:15 Introduction

09:30 Keynote : Charline Urbain, Professeure, ULB

Sleep, brain connectivity processes and cognition in paediatrics

10:30 Pause-café

11:00 Quatre communications étudiant/postdoc

Rouge Coralie: *The procedural deficit hypothesis: investigating sequences learning-related brain connectivity processes in children with SLFE*

Grander Soléane: *Investigating the impact of sleep on theta-band synchronization processes during memory retrieval in school-aged children*

Stee Whitney: *Time- and sleep-dependent remodeling in brain microstructural components after motor sequence learning: a DWI study.*

Babintseva Anastasiya: *Polysomnography in preterm infants (first 5-year experience in Ukraine)*

12:30 Déjeuner

14:00 Keynote : Christina Schmidt, Chercheuse qualifiée FNRS, ULiège

Temporal constraints on sleep, cognition and it's cerebral correlates: impact of ageing.

15:00 Trois communications étudiant/postdoc

Ginzburg Jérémie: *Musical and verbal short-term memory in congenital amusia: a MEG study*

Hoarau Caliani: *Audiovisual pitch perception training in congenital amusia: behavior and MEG*

Dussard Claire: *Reinforcing agency improves β desynchronisation in Motor Imagery Neurofeedback.*

16:00 Pause-café

16:15 Quatre communications étudiant/postdoc

Paskevskia Luliia: *Sleep as an indicator of mental health*

Micca Letizia: *TARGET-SLEEP Protocol: A study on boosting motor learning through sleep and targeted memory reactivation in ageing and Parkinson's disease*

Raposo Pereira Filipa: *ERP signatures of episodic memory decline of progression to Alzheimer's disease (AD) in asymptomatic subjects at-risk to AD*

Jauny Gwendolyn: *Linking structural and functional brain network changes during healthy aging using multilayer network analyses*

17:35 Assemblée Générale de la SPNC

19:30 Dîner au restaurant

25 - Nov – 2022

09:00 Keynote : Michael Hahn, Post-doc, Université de Tuebingen

Development of self-organized memory networks during sleep

10:00 Trois communications étudiant/postdoc

Ferez Maxime: *Functional inhibition of high-order visual regions by alpha oscillations*

Grandjean Aurélie: *The influence of tonic arousal on voluntary and involuntary attention and on phasic arousal at the behavioral and physiological*

Mathieu Anne: *The influence of tonic arousal on the attentional balance and on phasic arousal at the behavioral and physiological levels*

11:00 Pause-café

11:15 Keynote : Gilles Vandewalle, Maître de Recherche FNRS, ULiège

Multimodal investigation of the association between sleep and Alzheimer's disease risk

13:00 La fin (feu d'artifice etc.)