



Inserm

EUROPEAN

10th AUTUMN SCHOOL

ON MULTIMODAL ANALYSIS OF THE DEVELOPMENT
OF BRAIN FUNCTION

6-9 DEC. 2022

Faculty of medicine
3 rue des Louvels
Amiens
FRANCE



Graphic Design: Claire Wallois

Free inscription contact: fabrice.wallois@u-picardie.fr

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**ON MULTIMODAL ANALYSIS OF THE DEVELOPMENT
OF BRAIN FUNCTION**

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TUESDAY DECEMBER 6	
08:30-10:00 AM	Functional background: The neurovascular unit F. Wallois, Amiens
10:00-12:00 AM	Multimodal analysis of brain function (Basics and Instrumentation) S. Moghimi, Amiens
2:00-4:00 PM	Multimodal analysis of brain function (signal processing and application) S. Moghimi, Amiens
4:00-6:00 PM	Brain Networks and Oscillations S. Moghimi, Amiens
6:00-7:00 PM	Working in group S. Moghimi, Amiens
WEDNESDAY DECEMBER 7	
8:30-10:00 AM	Predictive coding in the brain S. Moghimi, Amiens
10:00-12:00 AM	EEG NIRS Coupling and neurodevelopment F. Wallois, Amiens
2:00-4:00 PM	Temporal and feature expectation enhance the neural representation of visual objects using cross-frequency phase-amplitude coupling H. Esteky, Tehran, Iran
4:00-6:00 PM	Neonatal olfaction : performance, functions, and clinical applications B. Schaal, Dijon
6:00-7:00 PM	Working in group S. Moghimi, Amiens
THURSDAY DECEMBER 8	
8:30-10:00 AM	The link between language, music, and brain rhythms. Anne Kosem, Lyon
10:00-12:00 AM	Neural correlates of music perception S. Moghimi, Amiens
2:00-4:00 PM	A clinical tool to investigate language brain networks A. Gallagher, Montréal, Canada
4:00-6:00 PM	Activity of endogenous generators in the course of development L. Routier, Amiens
6:00-7:00 PM	Working in group S. Moghimi, Amiens
FRIDAY DECEMBER 9	
10:00-12:00 AM	"Bilder ohne Worte" - Pictures without words What we can learn about language from people with aphasia H. Obrig, Berlin, Germany
2:00-4:00 PM	EEG-NIRS in Epilepsy E. Bourel, Amiens

Inscription is free. A zoom link will be provided upon request sent to fabrice.wallois@u-picardie.fr

Participation in this autumn school validates 5 ECTS