

## 2<sup>nd</sup> Bilateral Symposium Tübingen - Aix/Marseille on 3.6.2022

**Coordinators:** Cornelius Schwarz and Marc Himmelbach

The second bilateral meeting between graduate schools and researchers at the Universities Aix-Marseille and Tübingen will take place on Friday, 3<sup>rd</sup> of June 2022. The meeting will offer information about possibilities of interaction and exchange on the student/teaching level and share the latest neuroscientific results of partners at both sites. The meeting place will be in the city-centre of Tübingen at the 'Neue Aula', 'Großer Senat'. The symposium will be offered in hybrid form and open to interested students and partners within the CIVIS network. **Participants on-site in Tübingen are welcome without registration. Online participants need to register before the event to receive login credentials for the Zoom meeting: <https://tinyurl.com/onlineAMU-TU>.**



*supported by the Excellence Strategy of University Tübingen*

Time	Topic	Speaker
9:00	Welcome	Cornelius Schwarz Marc Himmelbach
9:15	Excellence Strategy Tübingen	Sandra Krull
9:30	CIVIS (A European Civic University)	Volker Balli
9:45	Deutsch-Französische Hochschule	Sabine Kletzke-Vukovic
fMRI new methods		
10:00	Probing brain sodium homeostasis using static and dynamic <sup>23</sup> Na MRI @ 7T	Jean_Philippe Ranjeva
10:20	MRI BOLD signal formation at very high fields	Klaus Scheffler
Coffee 10:40		
Degeneration, Regeneration		
11:00	Axonal injury: from nanoscale imaging to chemical biology-based tools for protein engineering	Ivana Nikić-Spiegel
11:20	Enhancing the delivery of therapeutic biologics to the CNS	Michel Khrestchatsky
11:40	Imaging visual cycle activity in the living eye	Christina Schwarz
Lunch 12:00		
Sensorimotor/Perception		
14:00	A nested dynamical system organizes quiescent brain states in the vertebrate brain	Jennifer Li
14:20	Multisensory body perception and its neural basis	Anne Kavounoudias
14:40	Eye movements and visual perception as dynamic inference processes	Anna Montagnini
Coffee 15:00		
Communication		
15:20	Speech sound representation in human Cortex	Yulia Oganian
15:40	Flexible control over birdsong sequencing	Lena Veit
16:00	Testing psycholinguistic models of word production with neurophysiological data	Francois-Xavier Alario
Marseille Neuroschool and GTC Tübingen – Opening paths for students		
16:20	Courses, lab rotations, master's and PhD thesis, how to go from here to there. Information and open question round for students and with students.	Isabelle Virard Marc Himmelbach ... Exchange Students
Speakers Dinner 20:00		

Christina Schwarz: <https://www.eye-tuebingen.de/schwarz/>

Michel Khrestchatisky: <https://inp.univ-amu.fr/fr/equipe/bhe-neuroinflammation>

Ivana Nikić-Spiegel: <https://www.cin.uni-tuebingen.de/research/research-groups/research-groups/nikic-spiegel-i-molecular-mechanisms-of-axonal-injury/research-directions.html>

Jennifer Lee: <https://www.rolilab.com/>

Anne Kavanoudias: <https://lnc.univ-amu.fr/en/profile/kavounoudias-anne>

Anna Montagnini: <https://www.int.univ-amu.fr/Montagnini-Anna>

Lena Veit: <https://uni-tuebingen.de/de/180099>

Yulia Oganian: <https://www.cin.uni-tuebingen.de/research/research-groups/research-groups/oganian-y-cognitive-neuroscience-of-human-verbal-communication/research-directions.html>

Francois-Xavier Alario: <https://lpc.univ-amu.fr/en/language>

Klaus Scheffler: <https://www.kyb.tuebingen.mpg.de/high-field-magnetic-resonance>

Jean\_Philippe Ranjeva: <https://crmbm.univ-amu.fr/contact/ranjeva-jean-philippe/>

Graduate Training Centre of Neuroscience Tübingen: <https://www.neuroschool-tuebingen.de/>

AMU NeuroSchool: <https://neuro-marseille.org/en/training/>