

A NEUREX SYMPOSIUM

NEURO- MODULATION IN PSYCHIATRY

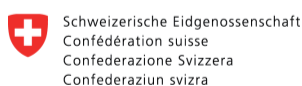


NEUREX
SYMPOSIUM

FEBRUARY
10TH, 2023
STRASBOURG

VENUE
LECTURES
FORUM, AMPHI 301
11 RUE HUMANN / STRASBOURG
&
ROBOT DEMO
CEMNIS
1 PLACE DE L'HÔPITAL / STRASBOURG

ORGANIZERS
DR JACK R. FOUCHER &
DR LUDOVIC C. DORMEGNY-JEANJEAN



— PROJECT INTERNEURON —

Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, Institut du médicament de Strasbourg, BioValley France, CNRS, Université de Strasbourg, Région Grand Est, Collectivité européenne d'Alsace, Eurométropole Strasbourg, Hôpitaux Universitaires de Strasbourg, Bernstein Center Freiburg, Klinik für Psychiatrie und Psychotherapie Freiburg, Neurozentrum Freiburg, Universität Freiburg, Universität Basel, Universitäre Psychiatrische Kliniken Basel, Kanton Aargau, Kanton Basel-Landschaft, Confédération suisse.



FRIDAY, FEBRUARY 10TH, 2023

08.00 — 08.30 **WELCOME**

SESSION 1 / FOCALIZED ULTRASOUND

08.30 — 09.00 **Marion Plaze & David Attali** — (Paris, France)
"FUS neuromodulation, a French experience"

09.00 — 09.30 **Máté Döbrössy** (Freiburg, Germany) & **Tiago Costa** (Delft, Netherlands)
"The vision of epidural focused ultrasound neuromodulation for Treatment-Resistant Depression"

09.30 — 10.00 **Jonathan Vappou** — (Strasbourg, France)
"FUS and indirect neuromodulation"

10.00 — 10.30 **COFFEE BREAK**

SESSION 2 / PERSONALIZATION IN NEUROMODULATION 1

10.30 — 10.45 **Ludovic Dormegny-Jeanjean** — (Strasbourg, France)
"The use of imagery guided, robotized, rTMS in depression"

10.45 — 11.00 **Clément de Crespin de Billy** — (Strasbourg, France)
"The use of biomarkers in periodic catatonia"

11.00 — 12.00 **John Rothwell** — (London, UK)
"Metaplasticity and rTMS"

12.00 — 13.30 **LUNCH**

SESSION 3 / MEET THE ENGINEER AND TECHNOLOGY

Demonstration of robotic assistance for neuromodulation
(at the CEMNIS, 2 groups [one with robot, one with cobot], 15min per demonstration)

13.30 — 14.15 **Axilum Robotics** — (Strasbourg, France)
"Robotic assistance for rTMS - Axilum Robotics"

14.15 — 14.45 **Michel Le Van Quyen** — (Paris, France)
"In-ear EEG on the go to refine brain stimulation"

14.45 — 15.15 **Paulo Loureiro de Sousa** — (Strasbourg, France)
"Electrical field modeling for transcranial magnetic stimulation"

15.15 — 15.45 **COFFEE BREAK**

SESSION 4 / PERSONALIZATION IN NEUROMODULATION 2

15.45 — 16.30 **Demian Battaglia** — (Strasbourg, France)
"Stimulating the brain or stimulating a brain state? A collective dynamics point of view"

16.30 — 17.00 **Jack Foucher** — (Strasbourg, France)
"System based clinical phenotyping"

17.00 — 17.30 **Nolan Williams** — (Palo Alto, US) videoconference
"The SAINT protocol and accelerated rTMS"

17.30 — 18.30 **Jack Foucher (Moderation) — Round Table**



REGISTRATION & MORE INFO www.neurex.org or contact@neurex.org