

fUSbrain PARIS-FRANCE

#DAYS JUNE 19-20 2025

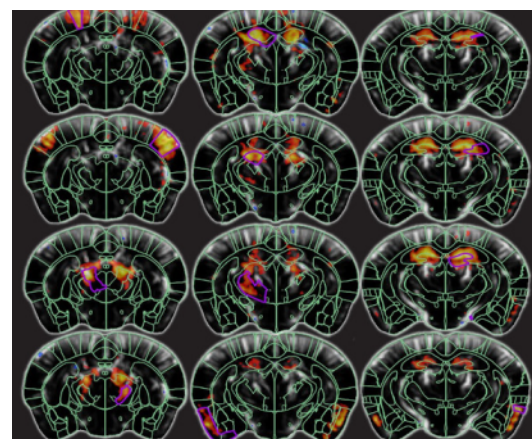
A two-day workshop dedicated to functional ultrasound imaging of the brain

Ultrasound waves have been introduced more than a decade ago as a new, lightweight and highly-performing modality for neurofunctional imaging. Whether you are a physicist, a biologist or a neurologist, join us at fUSbrain #DAYS to exchange on the latest advances in the field of functional ultrasound (fUS).

WHERE PariSanté Campus, 2 rue d'Oradour-sur-Glane, 75015 Paris

WHEN June 19th-20th 2025

REGISTRATION FEES 150€ TTC (students) / 200€ TTC (non-students)



Program

THURSDAY 19/06

09:30-10:00 *Check-in*

10:00-10:45 **Introduction by T. Deffieux** (Institute Physics for Medicine Paris, FR)

10:45-11:30 **Keynote lecture by A. Gozzi** (Istituto Italiano di Tecnologia, IT): From BOLD to fUSi: mapping large scale networks in rodents beyond fMRI

11:30-12:30 **Session: Brain connectivity and drug discovery I**

12:30-14:00 *Lunch break*

14:00-14:45 **Presentation by J. Ferrier** (Iconeus, FR)

14:45-15:45 **Session: Behavioral studies**

15:45-16:10 *Coffee break*

16:10-17:30 **Session: Neurovascular coupling**

17:30-18:30 **Poster session**

Evening Social event

FRIDAY 20/06

09:30-10:00 *Check-in*

10:00-10:45 **Keynote lecture by S. Soloukey** (Erasmus MC, NL): Ultrafast ultrasound imaging the human brain: clinical opportunities in- and outside of the neurosurgical operating room

10:45-11:45 **Session: Clinical applications**

11:45-12:30 **Interactive session**

12:30-14:00 *Lunch break*

14:00-14:45 **Keynote lecture by S. Picaud** (Vision Institute, FR)

14:45-15:45 **Session: Brain mapping and decoding**

15:45-16:10 *Coffee break*

16:10-17:30 **Session: Brain connectivity and drug discovery II**

17:30-17:45 *Wrap-up discussion*

ORGANIZED BY



WITH THE SUPPORT OF



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www.physicsformedicine.espci.fr/fUSbrain2025

CONTACT

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