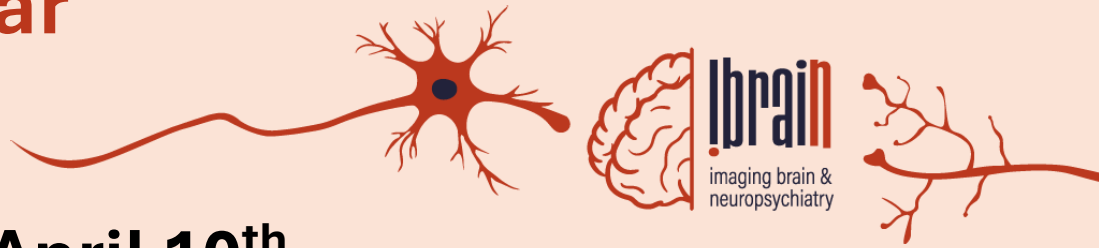


Seminar

iBrain

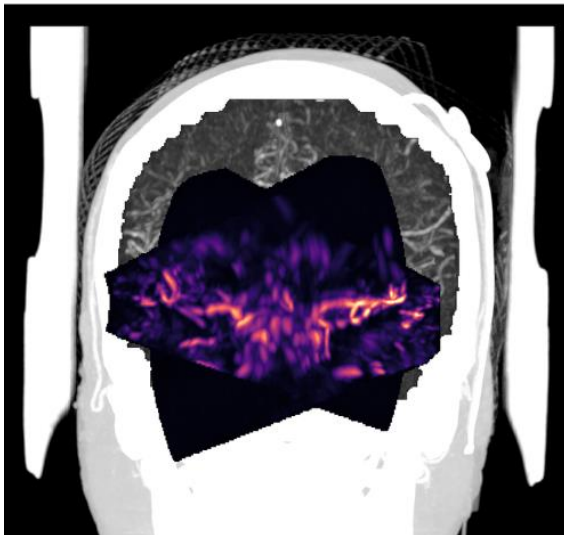
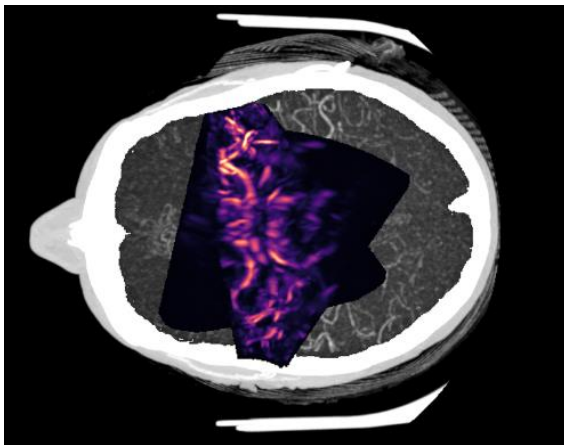


Friday, April 10th

11:00-12:00

Department Room – 1st floor

3D CEUS enables noninvasive imaging of the cerebral blood flows in neurocritical care patients



Vincent Hingot, PhD

CTO & Co-founder of ResolveStroke

Cerebral perfusion imaging plays a central role in the diagnosis and management of neurological conditions. However, current imaging modalities such as CT and MRI remain limited for continuous bedside monitoring due to their cost and accessibility. Three-dimensional contrast-enhanced ultrasound (3D CEUS) offers a promising alternative for the real-time and repeatable assessment of cerebral blood flow.

Over the past decade, advances in 3D CEUS for transcranial brain imaging have opened new opportunities for the volumetric quantification of cerebral blood flow. In this seminar, we will discuss the principles of 3D CEUS for brain imaging and summarize recent clinical and methodological developments in the field. Finally, we will highlight the key technical and clinical questions that must be addressed to enable broader clinical adoption.

Contact :

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