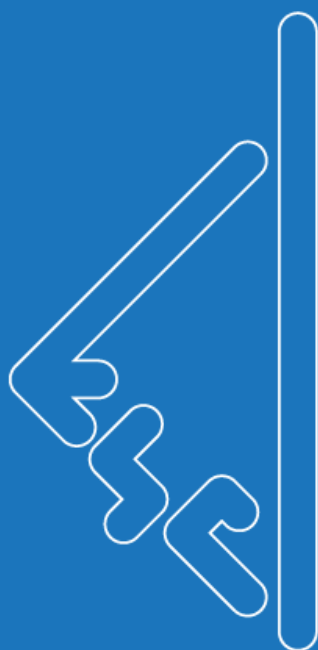


# 2019

28 Oct  
01 Nov



**INSTITUT  
D'ÉTUDES  
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DE CARGÈSE**



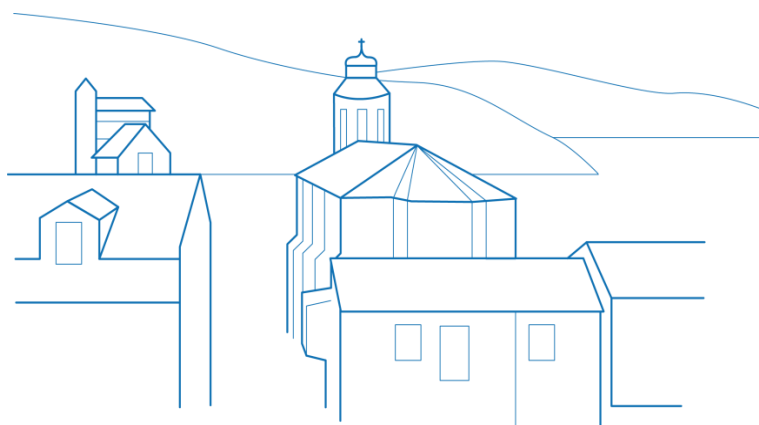
## FUNCTIONAL ULTRASOUND IMAGING OF THE BRAIN

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**PROGRAM**

Mon 28/10	Tue 29/10	Wed 30/10	Thu 31/10	Fri 01/11
8:45 Check-in				
9:00 Opening speech	9:00-10:00 S. CHARPAK - Neurovascular coupling and the fUS signal	9:00-10:00 P. POUGET - Applications of fUS imaging in non-human primates	9:00-10:00 M. SHAPIRO - Acoustic-gene reporters and contrast agents for fUS imaging	9:00-10:00 D. VIVIEN - Diagnosis and therapeutic applications of fUS imaging in stroke
9:15-10:15 M. TANTER - fUS imaging of the brain: basic concepts and perspectives	10:00-11:00 A. SHATILLO - fUS imaging at Charles River Laboratories	10:00-11:00 R. ANDERSEN - fUS imaging for brain/machine interface	10:00-11:00 J. JENSEN - US sequences for high-frame rate 2D and 3D Vector Doppler imaging	10:00-11:00 G. MARET - Applications of fUS in pigeons
10:15-11:15 S. PEZET - Applications of fUS imaging in rodents	11:00-11:30 coffee break	11:00-11:30 coffee break	11:00-11:30 coffee break	11:00-11:30 coffee break
11:15-11:30 coffee break	11:30-12:30 O. BAUD - Neuroimaging in neurodevelopmental disorders	11:30-12:30 Y. BOUBENEC - fUS imaging of the auditory cortex	11:30-12:30 B. OSMANSKI - fUS imaging: from bench to market	11:30-12:30 A. BERGEL - EEG combined with fUS imaging for behavior and sleep studies
11:30-12:30 C. DEMENE - Motion estimation and super-resolution for clinical neuroimaging	12:30-14:00 lunch break	12:30-14:00 lunch break	12:30-14:00 lunch break	12:30-14:00 lunch break
12:30-14:00 lunch break	14:00-16:00 poster competition / free time for discussions	14:00-18:00 Social event: visit of Piana	14:00-14:30 B. HENGERER - fUS imaging at Boehringer Ingelheim	14:00-16:00 poster session / free time for discussions
14:00-16:00 poster session / free time for discussions	16:00-17:00 JF. AUBRY - Ultrasonic neuromodulation		14:30-16:00 poster session / free time for discussions	
16:00-17:00 F. PERREN - Current applications of ultrasound in neuroimaging	17:00 Announcement of poster competition results		16:00-17:00 Z. LENKEI - Endocannabinoids and the contractile brain	16:00-17:00 Presentation of the top-3 posters
18:00 Welcome drink			19:00 Barbecue	