ORGANIZING COMMITTEE

S. Enoch  M. Bernard  M-E. Bellemare  C. Lavoûte  A. Guedas

FRIDAY, FEBRUARY 23RD, 2024

MARSEILLE IMAGING INSTITUTE ORGANIZES THE FIFTH SCIENTIFIC DAY OF THE INSTITUTE.

THIS YEAR, WE HIGHLIGHT:

• IMAGING RESEARCH BY OUR NEW ARRIVALS

• THE WINNING PROJECTS OF THE "RESEARCH 2023" CALL FOR PROJECTS

WE HAVE THE CHANCE TO BRING TOGETHER MEMBERS OF OUR STRATEGIC COMMITTEE IN RESEARCH AND TRAINING.

THIS EVENT IS ORGANIZED IN FACE-TO-FACE TO ENSURE THE CROSS-FERTILIZATION OF DISCIPLINES AND TO PROMOTE CONTACTS BETWEEN STUDENTS, RESEARCHERS, TEACHERS AND INDUSTRIAL PARTNERS.

ENJOY...
MONIQUE BERNARD, DIRECTOR OF MARSEILLE IMAGING INSTITUTE

SESSION 1 - 8H30

WINNER RESEARCH 2023

Philippe Robert & Julien Lumeau
LAI & Fresnel institute

OptImmum PROJECT: Biochips for functional tests in immunology

NEW ARRIVALS

Sham Tlili
IBDM

Exploring the biophysics of embryonic organoids self-organization and morphogenesis with multiphoton microscopy

Tilman Grunewald
Fresnel Institute

X-ray texture tomography as a quantitative tool to image polycrystalline materials in 3D

Coffee Break
WINNER RESEARCH 2023

Alberto Lombardini & Thomas Chaigne
INT & Fresnel Institute

Photoacoustic PROJECT: Photoacoustic imaging of neuronal activity in mice and non-human primates

NEW ARRIVALS

Philippe Roudot
Fresnel Institute

Tracking cellular processes in fluorescence imaging: from pattern recognition to pattern mining

Roy Haast
CRMBM

Multi-scale subcortical gray matter alterations in focal epilepsy

Victor Lopez Madrona
INS

Boosting electrophysiology with Independent Component Analysis: identification of neural sources in LFP, SEEG and MEG

Lunch Break
Emmanuèle Helfer & Emilie Franceschini
CINAM & LMA

SSAMU PROJECT: Blood structuring using microfluidic and ultrasound approaches

NEW ARRIVALS

Sandro Heuke
Fresnel Institute

Coherent Raman imaging

Lucas Soustelle
CRMBM

Quantitative Magnetic Resonance Imaging of the Central Nervous System
WINNER RESEARCH 2023

Ahlem Bouhlel & Rémy Boisgard
CERIMED & CRCM

AP*SdAb PROJECT: 68Ga-labeled anti-APJ nanobody development for PET imaging of tumor angiogenesis

NEW ARRIVALS

Frederic Bard
CRCM

High-content genetic screens in human cells using high throughput confocal imaging

Paul Habert
LIIE

Title in coming

Khan Le Thi
RNAnoTher

Developing active targeting LASO-based nanoparticles for theranostic in Prostate cancer treatment