

# LABEX EUR Day 2024

IFMI amphitheater  
April 5

<https://labex-interactifs.pprime.fr/labex-eur-day-2024>

# Labex EUR Day program

9:00–9:10	Introduction		
	IT	<b>Noël BRUNETIERE</b> Steering committee Labex	Bilan du Labex
9:10–10:10	Solid interfaces (15' + 5')		
	IT	<b>Sylvain DUBOIS</b> Labex Post-Doc	Defects engineering to drive the figure of merit of degenerate semiconductors (Si, Scn) for thermoelectric applications
	IT	<b>Qinqin XU</b> Labex Post-Doc	Atomic scale simulations of twin - interfaces interactions in bi-metallic Cu/Ag multilayers
	IT	<b>Hatem BEN MAMOUD</b> Labex PhD	Magneto-mechanical properties of thin films on stretchable substrate : in situ investigation by Magneto-Optical Kerr Effect and X-ray synchrotron diffraction
10:10–10:30	Coffee break		
10:30–12:20	Fluid interfaces		
10:30–10:40	First year PhD student 1 (7'+ 3')		
	IT	<b>Niccolo TONIONI</b> EUR PhD	Prediction of flow-induced vibration regimes by variational deep reinforcement learning
10:40–12:20	Second year PhD student, post doc and internships (15' + 5')		
	IT	<b>Florian BOUARD</b> EUR PhD	Study of an adaptable flapping wing to improve flight performance
	IT	<b>Germain ROUSSEAU</b> Labex internships	Instabilité gravito-capillaire de Kapitza d'un film mince en interaction onde-bathymetrie-courant
	IT	<b>Aurélian FATU</b> Labex Post-Doc	Effects of surface properties on air/oil flow
	IT	<b>Thomas ORRIERE</b> Labex Post-Doc	Free surface topography of a liquid interacting with a nanosecond discharge
	IT	<b>Vincent AYEL</b> Labex Post-Doc	Experimental and theoretical study of capillary menisci evaporation in the square-section channels of pulsating heat pipes
12:20–14:00	Lunch - Buffet, lieu de vie, first floor		

## Registration

This event will be held in IFMI amphitheater. A registration is needed to participate to this event, more particularly for the lunch.

[Registration here](#)