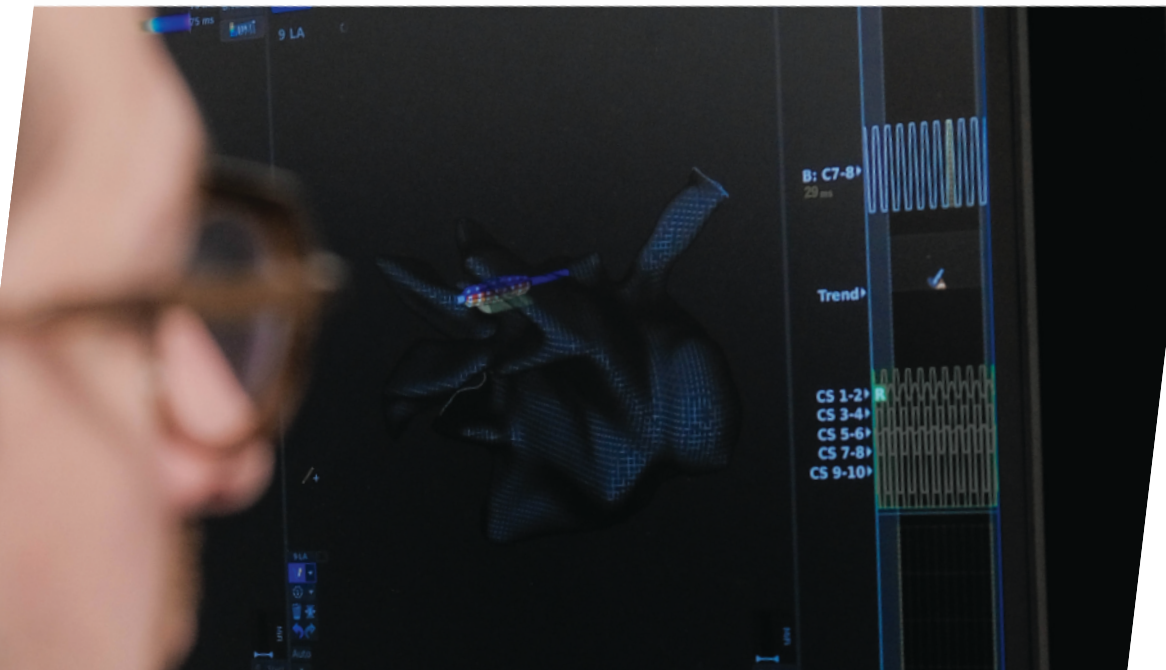


PROGRAM

Life science, Medicine Cardiac Electrophysiology Summer School



2026, June 29 – July 3

Welcome to Bordeaux Cardiac Electrophysiology Summer School

In this summer school dedicated to the study of fundamental cardiac electrophysiology, you will meet world leading experts and learn about state-of-the-art techniques.



Monday, June 29th

- › **09.00 – 09.10**
Welcome
- › **09.10 – 09.30**
Presentation of the Institute
P. Dos Santos
- › **09.30 – 11.15**
Cardiac anatomy (course and demonstration)
J.A Cabrera Rodriguez (On line)
- 11.15 – 11.30**
Break
- › **11.30 – 13.00**
Cardiac cellular electrophysiology and calcium homeostasis
D. Benoist
- 13.00 – 14.00**
Lunch
- › **14.00 – 15.30**
Introduction to clinical electrophysiology
J. Duchateau
- 15.30 – 16.00**
Break
- › **16.00 – 17h00**
Cardiac mechanics and hemodynamics
J. Lumens (On line)
- › **17.00 – 18.30**
Biophysics
R. Dubois

Tuesday, June 30th

- › **09.00 – 10.00**
VT Ablation
C. Martin
- › **10.00 – 11:30**
Mathematical modeling and simulations
J. Bayer
- 11.30 – 11.45**
Break
- › **11:45 – 12:45**
Noninvasive electrocardiographic imaging of the heart
L. Bear
- 12:45–13:45**
Lunch
- › **14.00 – 15:00**
Catheter ablation for cardiac arrhythmia: biophysics, technologies, and strategies.
G. Caluori
- › **15:00 – 16:10**
Experimental and clinical applications of signal processing techniques
N. Linton
- 16:00 – 16.45**
Break
- › **16.45 – 17.45**
Cardiac implantable devices : Connected Health
P. Bordachar
- › **AFTER SCHOOL – Bistrot de l'Alouette**

Wednesday, July 1st

› 09.00 - 10.15

Pathophysiological aspects of primary electrical disorders

S. Priori

10.15 - 10.45

Break

› 10.45 - 11.45

Cardiac optical imaging

O. Bernus

› 11.45 - 13.15

Cardio neuroablation: rationale, targets and models

Léa Benabou

13.15 - 14.15

Lunch

› 14.15 - 15.15

Ventricular fibrillation and sudden cardiac death:

Mechanisms and individualized approaches for treatment

M. Haïssaguerre

15.15 - 15.45

Break

› 15.45 - 16.45

Benefits of isolated perfused heart models for studying cardiac electrophysiology and arrhythmias

F. Vaillant

› 16.45 - 18.15

Cardiac neuromodulation

P.S Chen

Thursday, July 2nd

› **11.30 - 16.30**

Visits and Lab demonstrations

12.15 - 13.25

Lunch

15.10 - 15.40

Break

OFFICIAL DINER



Friday, July 3rd

› 09:00 – 09:45

Cardiac pacing and (any form of) resynchronization

U. NGuyen

› 09:45 – 10:30

Micro CT imaging of the heart

R. Walton

10:30 – 11:00

Break

› 11:00 – 11:45

Basics of MRI

B. Quesson

› 11:45 – 12.15

High-field of MRI

J. Magat

12:15 – 13:15

Lunch

› 13:15 – 13:45

Ultrafast Ultrasound Imaging in Cardiology – new tool for non-invasive electromechanical coupling assessment

M. Venet

› 13:45 – 14:30

Interventional MRI

V. Ozenne

14:30 – 14:45

Break

› 14:45 – 15:45

Cardiac imaging at the hospital

H. Cochet

› 15:45 – 16:15

The Role of Imaging in Clinical Practice for Ablation Procedures

R. Tixier

Contact

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