

IMAGING ~~WORKSHOP~~ FESTIVAL

JULY 2023, 5 – 7



We are thrilled to announce the second edition of our Cardiac Imaging Workshop, taking place once again in the beautiful surroundings of the vibrant city of Bordeaux.

Building on the success of our inaugural event, we invite you to join us once again at the heart rhythm disease institute, IHU LIRYC, to learn and exchange about **Cardiology, Neurology, Imaging, and Sport & Heart**. Engineers, clinicians, scientists, athletes and other professionals will be present to share their expertise in these fields.

The program has been thoughtfully crafted to maximize engagement and interaction among attendees. From educational sessions and power pitches to poster presentations and round tables, there will be ample opportunities to learn from worldwide experts and exchange ideas. Our goal is to create a relaxed and inspiring atmosphere that encourages interdisciplinary discussions, knowledge sharing, and meaningful connections.

Together, we will deepen our understanding of cardiac imaging and not only, while promoting unity within our research family.

Welcome back to Bord'eau!

Workshop venue

IHU LIRYC
L'institut des maladies du rythme cardiaque
Av. Du Haut Lévêque
Campus Xavier Arnoz
33600 Pessac

Organizing committee

- Aurelien Bustin (LIRYC)
- Hubert Cochet (LIRYC)
- Victor de Villedon (LIRYC)
- Manon Desclides (LIRYC)
- Mathieu Guyot (LIRYC)
- Pauline Gut (CHUV)
- Manon Hans (LIRYC)
- Émile Kadalie (RMSB)
- Ludovica Romanin (CHUV)
- Sirine Witvoet (LIRYC)
- Jana Zhang (CHUV)

Hotel Information

Holiday Inn Bordeaux Sud Pessac
10 Av. Antoine Becquerel
33600 Pessac

Contacts

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Imaging Bordeaux
WORKSHOP
July 5 - 7, 2023

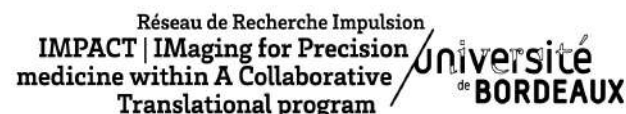
Cardiac Imaging Neuro Imaging Sport & Heart

Workshops & Activities

- Sunrise sessions
- Cross modality
- Meet the experts
- Round tables
- Climb the Dune
- Ride the waves
- Paddle the kayak
- Very Fun Run

⇒ ihu-liryc.fr

Logos: liry, université BORDEAUX, CHU BDX, CHUV, U, ANR, CIRM, CHU BORDEAUX, CENTRE HOSPITALIER UNIVERSITAIRE BORDEAUX



Program – Day 1

Wednesday, July 05, 2023

Program – Day 2

Thursday, July 06, 2023

Program – Day 3

Friday, July 07, 2023

9.00 9.10 9.35 10.00 10.20 10.40 11.00 11.20 11.40 12.00 12.15 12.30 12.45 14.00 15.30 19.30	Welcome & Introduction		9.00 9.10 10.00 10.20 10.40 11.00 11.20 11.40 12.00 12.15 12.30 12.45 14.00 19.30	Welcome & Introduction	7.30 10.00 10.10 12.00 13.15 19.30	Fun Run (5km) Association Liens du Coeur 
	Raptors: E. Ribot, S. Miraux			Raptors: J. Magat, C. Roy		
	State of the Art – Cardiology Prof. Matthias Stuber			State of the Art – Neurology Dr. Marc Joliot		
	Cardiac SPCCT Dr. Salim Si-Mohamed					
	Pilot Tone & Beat Sensor Dr. Mario Bacher			Accelerated T2 mapping with linear subspace reconstruction Dr. Aurélien Trotier		
	Fetal imaging Dr. Chris Roy			Whole brain T2 mapping with MOCO Dr. Nadège Corbin		
	Coffee Break			Coffee Break		
	Raptors: B. Ly, A. Zanella			Raptors: A. Forodighasemabadi, L. Romanin		
	Digital Twin Dr. Maxime Sermesant			MRI-guided HIFU Dr. Dounia El Hamrani		
	Towards fast CMR – AI workflows from acquisition to analysis Dr. Thomas Kuestner			Human beings are more than the sum of organs Dr. Solange Denervaud		
	Interventional cardiac MRI Dr. Bruno Quesson			Diffusion MRI (heart & brain) Dr. Cyril Tous		
	Fetal heart MRI Robin Ferincz			Temperature mapping Dr. Valéry Ozenne		
	Fast whole-heart MRI Ludovica Romanin			Artefact-free brain T2 mapping Émile Kadalie		
	Cardiac MRI for ICD patients Pauline Gut			Abdominal multi-parametric mapping François Maingault		
	Lunch			Lunch		
Round tables: H. Cochet, S. Denervaud, D. El Hamrani, J. Magat, J.Naulin, B. Quesson, M. Stuber	Group I: Surf (Biscarrosse) & Pyla Group II: Dune du Pyla					
Bordeaux Tour						
Dinner @ Le Bar de la Marine RDV: 19h15	Dinner @ Laouga RDV: 19h15	Apero-dinner Boheme @Andernos Plage du Betey RDV: 19h15				

Activities

Surf – 06/07/2023



Dune du Pyla – 06/07/2023



Cap Ferret – 07/07/2023



Bordeaux Tour – 05/07/2023



Kayak Leyre – 07/07/2023

WORKSHOP PRESENTATIONS



Cardiac Sessions

- **Prof. Matthias Stuber**, *State of the Art Imaging in Cardiology*
- **Dr. Salim Si-Mohamed**, *Cardiac SPCCT*
- **Dr. Mario Bacher**, *Pilot Tone & Beat sensor*
- **Dr. Chris Roy**, *Fetal imaging*
- **Dr. Maxime Sermesant**, *Digital Twin*
- **Dr. Thomas Kuestner**, *Towards fast CMR – AI workflows from acquisition to analysis*
- **Dr. Bruno Quesson**, *Interventional cardiac MRI*
- **Robin Ferincz**, *Fetal heart MRI*
- **Ludovica Romanin**, *Fast whole-heart MRI*
- **Pauline Gut**, *Cardiac MRI for ICD patients*

Sport Sessions

- **Dr. Stéphanie Clément**, *State of the Art Sport & Heart (Cardiology)*
- **Prof. Hubert Cochet**, *State of the Art Sport & Heart (Radiology)*

Round tables

- **Prof. Hubert Cochet**, *Clinical application of research tools*
- **Dr. Solange Denervaud**, *Women in research, how to break potential biases in the research environment*
- **Dr. Dounia El Hamrani**, **Dr. Julie Magat**, **Jérôme Naulin**, *Animal experimentations*
- **Dr. Bruno Quesson**, *Startups, how to translate research ideas into a commercial solution*
- **Prof. Matthias Stuber**, *Tips and tricks for grant writing and how to get started with leading your own research*

Neuro Sessions

- **Dr. Marc Joliot**, *State of the Art Imaging in Neurology*
- **Dr. Aurélien Trotier**, *Accelerated T2 mapping with linear subspace reconstruction*
- **Dr. Nadège Corbin**, *Whole brain T2 mapping with MOCO*
- **Dr. Dounia El Hamrani**, *MRI-guided HIFU*
- **Dr. Solange Denervaud**, *Humans being are more than the sum of organs*
- **Dr. Cyril Tous**, *Diffusion MRI (heart & brain)*
- **Dr. Valéry Ozenne**, *Temperature mapping*
- **Émile Kadalie**, *Artefact-free brain T2 mapping*
- **François Maingault**, *Abdominal multi-parametric mapping*

Posters

- | | |
|-----------------------------|--------------------------------|
| - Pauline Calarnou | - Isabel Montón Quesada |
| - Elise Cosenza | - Kalvin Narceau |
| - Victor de Villedon | - Victor Nogues |
| - Manon Desclides | - Margaux Nussbaumer |
| - Adèle Mackowiak | - Xavier Sieber |

WORKSHOP ATTENDEES



Liryc (les bobos bordelais)

- Prof. Aurélien Bustin
- Prof. Hubert Cochet
- Victor de Villedon de Naide
- Manon Desclides
- Dr. Dounia El Hamrani
- Dr. Arash Forodighasemabadi
- Kun He
- Quentin Lebreton
- Dr. Julie Magat
- Jérôme Naulin
- Victor Nogues
- Dr. Valéry Ozenne
- Dr. Bruno Quesson
- Dr. Manuel Villegas Martínez

RMSB (encore des bobos bordelais)

- Dr. Nadège Corbin
- Émile Kadalie
- François Maingault
- Dr. Sylvain Miraux
- Dr. Émeline Ribot
- Dr. Nicolas Simonneau
- Dr. Aurélien Trotier

CHUV (les petits suisses)

- Dr. Mario Bacher
- Pauline Calarnou
- Dr. Solange Denervaud
- Robin Ferincz
- Pauline Gut
- Adèle Mackowiack
- Dr. Bastien Milani
- Isabel Montón Quesada
- Dr. Augustin Ogier
- Ludovica Romanin
- Dr. Chris Roy
- Dr. Salim Si-Mohamed
- Xavier Sieber
- Prof. Matthias Stuber
- Dr. Cyril Tous
- Dr. Jérôme Yerly
- Jana Zhang

International guests

- Dr. Stéphanie Clément
- Dr. Marc Joliot
- Dr. Thomas Kuestner
- Dr. Maxime Sermesant

THANK YOU !

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www.i-hu-liryc.fr