

The role of Biomedical Engineering in the development of diagnosis and treatment of patients with cardiac arrhythmias

HeartLab in partnership with CLAIB & CBEB, has developed our 2022 virtual workshop. Join us for the 2nd in this series of talks on October 24 and 25, 2022.

We hope you will join us for these live scientific lectures featuring top science from leading researchers around the world.

Event Schedule - Day 1

Monday, October 24th

Event Opening - Prof. Dr. João Salinet

Session 1

Moderators: João Salinet and John Sims

Symptoms and Impairments Resulting from the Development and Treatment of Cardiac Arrhythmias

14:15

Dr. Ronaldo Rabello

Electrophysiology and Catheter Ablation of Cardiac Arrhythmias

15:00

Prof. Dr. Angelo Amato Vincenzo de Paola

Round Table

15:40

Invited Speakers



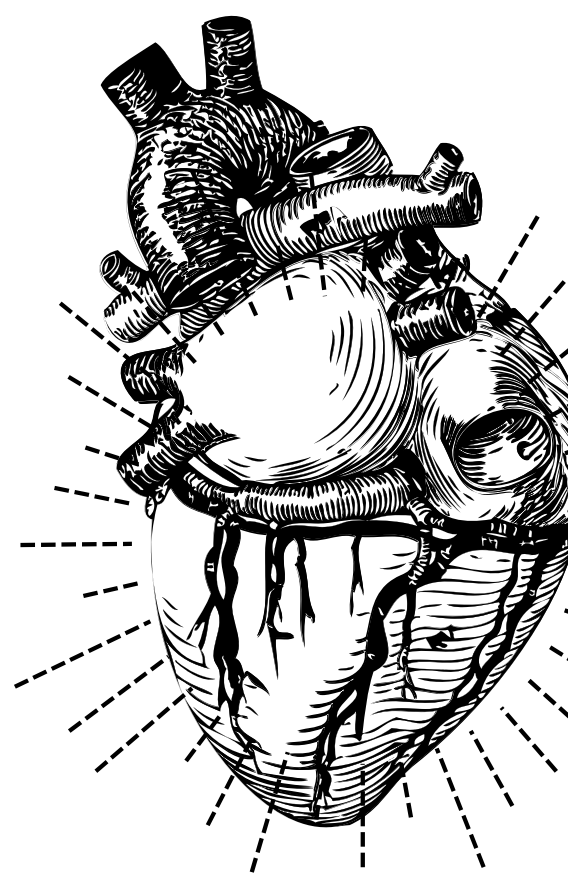
Dr. Ronaldo Rabello

Cardiologist
Santa Casa



Prof. Dr. Angelo Amato Vincenzo de Paola

Full Professor in Cardiac Electrophysiology
Unifesp



Session 2

Moderators: João Lameu and Vinicius Silva

Available technologies for the diagnosis and treatment of Cardiac Arrhythmias

- | | |
|-------|---|
| 16:10 | Diego Lourenço Santo - PROLIFE |
| 16:25 | Victor José Fidelis - IMPULSE DYNAMICS |
| 16:40 | Júlio Mateus - MICROMEDICAL |
| 16:55 | Luiz Victor Alves Ferreira - Boston Scientific |
| 17:10 | Lucca Cassiavilani - Biosense Webster - Johnson & Johnson |
| 17:25 | Julia de Lucca - Abbott |

Closing Remarks - Prof. Dr. João Salinet and Prof. Dr. João Lameu



Event Schedule - Day 2

Tuesday, October 25th

Session 3: Round Table

Moderators: João Lameu and Renata Romanelli

The role of Biomedical Engineering in the training of human resources for the job market

14:05 - 14:35

Invited Speakers



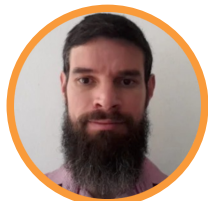
Prof. Dr. Jurandir Nadal

Federal University of Rio de Janeiro



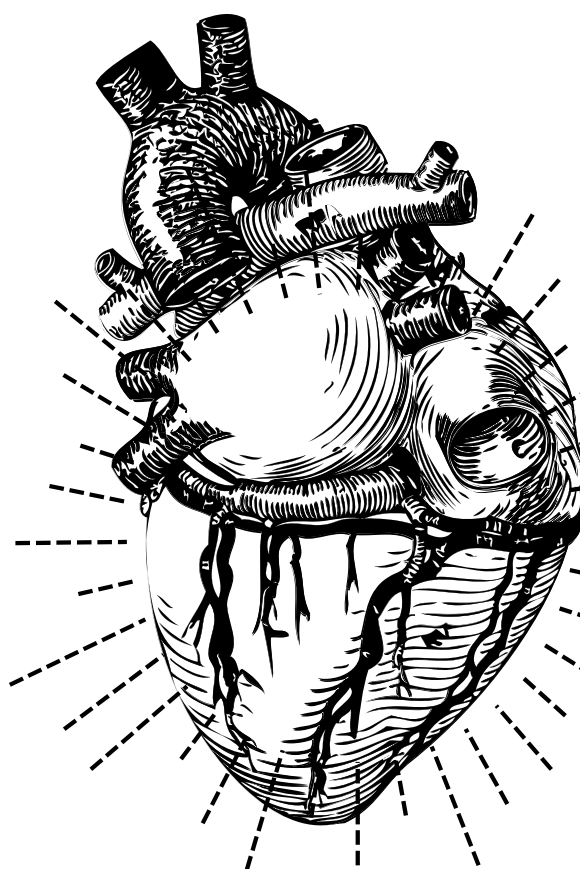
Prof. Dr. João Paulo do Vale Madeiro

Federal University of Ceará



Prof. Dr. Pedro Xavier de Oliveira

University of Campinas



Session 4: Scientific contribution to the diagnosis and treatment of cardiac arrhythmias

Moderators: Jimena Siles and Italo Sandoval

Opening

14:35

Terminating Cardiac Arrhythmias with the Help of Computer Simulations

14:40

Prof. Dr. Fernando Campos

Experimental animal and human models

15:00

Dr. Ilija Uzelac

Mechanical and hemodynamic aspects of atrial fibrillation

15:20

Prof. Dr. John Sims and Prof. Dr. João Lameu

Round Table

Closing Remarks - Prof. Dr. João Salinet

Invited Speakers



Prof. Dr. Fernando Campos

Computational Science and Modelling
King's College



Prof. Dr. John Sims

Imaging Specialist
UFABC



Dr. Ilija Uzelac

Biological Physics and electrophysiology
Georgia Institute of Technology



Prof. Dr. João Lameu

Computational Fluid Dynamics
UFABC

Organization Committee



Prof. Dr. João Salinet
HeartLab, UFABC



Prof. Dr. João Lameu
HeartLab, UFABC



Prof. Dr. John Sims
HeartLab, UFABC



Dr. Ilija Uzelac
Georgia Institute of Technology



Jimena Siles
HeartLab, UFABC



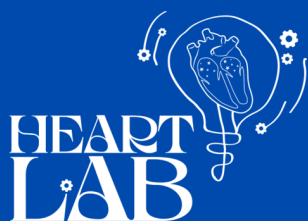
Renata Romanelli
HeartLab, UFABC



Italo Sandoval
HeartLab, UFABC



Daniel Cavalcante
HeartLab, UFABC



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We are waiting for you!!

