



INTERNATIONAL **BIOELECTRICS** SYMPOSIUM 2023

www.bioelectrics2023.pt

10-13 September 2023

**Venue & Accomodation:
Ramada by Wyndham Lisbon**



**WELCOME MESSAGE FROM CONFERENCE CHAIR
PROF. LUÍS REDONDO**

Dear Colleagues,

We are delighted to invite you to the 16th International Bioelectrics Symposium (BIOELECTRICS 2023) which will be held in Lisbon, Portugal, from 10 to 13 September 2023 at the Ramada Lisbon Hotel.

The conference will provide a forum for the exchange of scientific and technical information between industry, academic institutions and research organizations on research and applications with respect to the interactions of electrical stimulus, in particular pulsed electric fields and non-thermal plasmas, with biological cells.

This field, called Bioelectrics, encompasses a broad range of current and emerging research areas, covering multidisciplinary fields from engineering and biology with applications to the medical, environmental, food, energy, and biotechnological fields.

In addition to basic research, the conference will feature the technology, the applications and the various commercial opportunities of Bioelectrics and will not only address the present state-of-the-art but will also highlight future trends.

The main subjects to be discussed include biological responses (molecular, subcellular, cellular and intercellular), biophysics and biochemistry of interaction mechanisms, modelling and simulation of exposures and effects, diagnostics, analytics, experimental techniques, pulsed power devices and methods, cancer treatment and tumor ablation, disinfection, decontamination, hygiene, cell and tissue stimulation, wound healing, biomass processing and biofuel generation, food safety and food preservation, agricultural crops and farming and biomedical applications.

We also invite you to be one of our exhibitors in the exhibition area and showcase the latest innovation technologies.

We look forward to welcoming you to Lisbon, where we expect that your objectives will be fully achieved.

It will be an honour and a pleasure to welcome you all in person at the BIOELECTRICS 2023 in Lisbon, Portugal.

Looking forward to meeting you all.

SCIENTIFIC ADVISORY COMMITTEE

Sunao Katsuki, Kumamoto University, Japan
Andrei Pakhomov, Old Dominion University, USA
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Luis Redondo, Instituto Superior de Engenharia de Lisboa, Portugal
A.J.M. (Guus) Pemen, University of Technology Eindhoven, Netherlands

LOCAL ORGANIZING COMMITTEE

Luis Redondo (Chair)
Marcos Pereira (Presidente A2P2)
Linda Pereira (Event Manager)

LOCAL ORGANIZER

A2P2
CPL Meetings & Events

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For more info, email us at:
secretariat@bioelectrics2023.pt

