



ETTORE MAJORANA FOUNDATION AND  
CENTRE FOR SCIENTIFIC CULTURE

TO PAY A PERMANENT TRIBUTE TO GALILEO GALILEI, FOUNDER OF MODERN SCIENCE  
AND TO ENRICO FERMI, "THE ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



## International School of Bioelectromagnetism "Alessandro Chiabrera"

Directors of the School: Ferdinando Bersani (University of Bologna, Italy)  
and Maria Rosaria Scarfi (CNR-IREA, Naples, Italy)

# 11<sup>th</sup> Course: "Advances in Electroporation-Based Therapy: from Principles to Clinical Applications"

Erice (Sicily, Italy): May 2 to 7, 2025



**Course Description:** Explore electroporation-based treatments, understanding key physical principles and recent clinical advances. Learn the crucial role of electric fields and the importance of treatment planning across various therapies.

**Key Objectives:** Equip researchers and medical professionals with essential skills for effective use of electroporation treatments. Understand mechanisms, electric field distribution, and electrode placement to enhance clinical practice.

**Educational Experience:** Gain a practical understanding of advancements and future applications in electroporation. Learn about cellular responses to pulsed electric fields, opening new paths for innovative patient care.

### Directors of the course



**Rafael Davalos**

Georgia Institute of Technology,  
Atlanta, Georgia, US

[rafael.davalos@bme.gatech.edu](mailto:rafael.davalos@bme.gatech.edu)



**Micaela Liberti**

Sapienza University of  
Rome,  
Rome, Italy.

[micaela.liberti@uniroma1.it](mailto:micaela.liberti@uniroma1.it)

Co-organised with:



## 11<sup>th</sup> course: Advances in Electroporation-Based Therapy: From Principles to Clinical Applications



### AWARD FOR THE BEST POSTER PRESENTATION

All participants are invited to bring a poster on their current research topic, for one dedicated session. A Scientific Committee will award the author of the best poster.

### PRACTICAL EXPERIENCE & INDUSTRY EXPERTS

Practical Experiences will be organized and a dedicated session with industry experts will give an industry view point on technological developments

### ONLY 100 SEATS AVAILABLE!

We encourage you to express your interest as soon as possible, since the seat availability will be limited to 100. Detailed info about registration, food and lodging in Erice, as well as on how to reach the Ettore Majorana Center will be distributed in due time and are available at [www.eisbem.eu](http://www.eisbem.eu).

### FELLOWSHIPS

Fellowships will be offered for students from low- or middle-income countries.



#### Participation fee:

1300 €

The Registration fee will cover the attendance of all sessions, full board and lodging, and social dinner.

#### Application:

Interested candidates should send an e-mail to the Directors of the Course at [school2025@eisbem.eu](mailto:school2025@eisbem.eu), including:

- A short Curriculum Vitae
- Scientific interest of the candidate
- Students: a letter of recommendation of a Senior Scientist

#### Deadline:

December 31, 2024

*Accepted candidates will be informed by e-mail.*

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The Centre for Scientific Culture in Erice (Sicily, Italy) is named after the great Italian scientist Ettore Majorana. Topics in Bioelectromagnetics have come to Erice many times in the past, with international courses and workshops on non-ionising radiation.

In 2003 the Ettore Majorana Centre has established a Permanent School of Bioelectromagnetics, named after Alessandro Chiabrera, who was considered as a master by the young generation of scientists.

## Learn more!

For more information, including updates on the full programme of the course and the faculty, visit:

[www.eisbem.eu](http://www.eisbem.eu)

