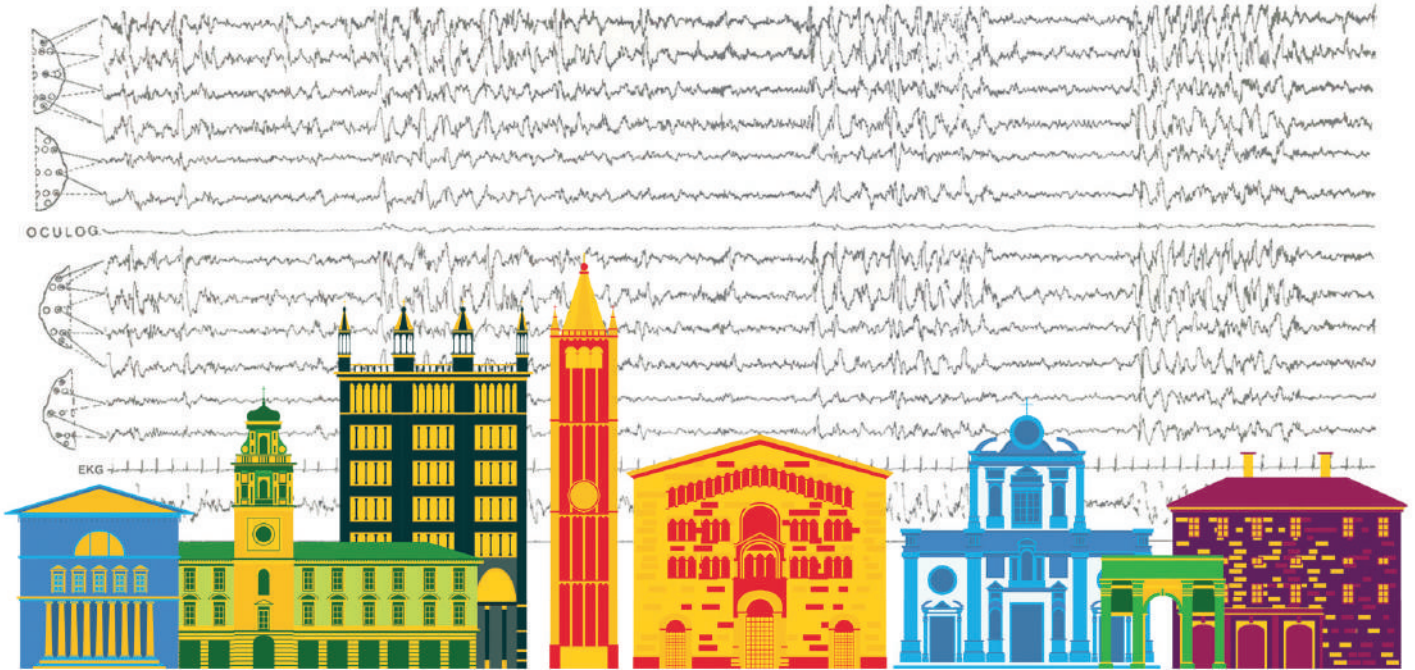


Con il Patrocinio di



Sleep, consciousness and epilepsy: EEG from Hans Berger to the third millennium

Parma, October 4th - 5th 2024

Sala Congressi delle Scienze
Padiglione 25 - Campus Università di Parma

INTRODUCTION

To celebrate the 100th anniversary of the first human EEG conducted by Hans Berger in 1924, we are delighted to announce an International Convention to be held in Parma, Italy, on October 4th-5th, 2024.

This event aims to explore the clinical and neuroscientific applications of electroencephalography, focusing on sleep, consciousness, and epilepsy, with a particular emphasis on future perspectives. The congress will feature five sessions dedicated to EEG in basic neuroscience, epilepsy, sleep, intensive care units, and future developments in artificial intelligence. Exceptional speakers from the United States, Canada, and Europe, who are leading experts in their fields, will share their knowledge and passion for EEG research.

We strongly believe this event will provide a unique opportunity to explore the entangled relations among consciousness, epilepsy, and sleep pathophysiology through a multidisciplinary approach.

We look forward to welcoming you in Parma!

CHAIRPERSONS

Stefano Meletti (Modena)

Liborio Parrino (Parma)

SCIENTIFIC COMMITTEE

Irene Florindo (Parma)

Carlotta Mutti (Parma)

Anna Elisabetta Vaudano (Modena)

Lucia Zinno (Parma)

FACULTY

Pietro Avanzini (Parma)

Enrica Bonanni (Pisa)

Francesco Brigo (Bolzano)

Pia De Stefano (Genève - CH)

Luigi Ferini Strambi (Milano)

Irene Florindo (Parma)

Jean Gotman (Montréal - CA)

Lawrence J. Hirsch (New Haven - US)

Claudio Liguori (Roma)

Marcello Massimini (Milano)

Stefano Meletti (Modena)

Lino Nobili (Genova)

Liborio Parrino (Parma)

Federica Provini (Bologna)

Giacomo Rizzolatti (Parma)

Guido Rubboli (Dianalund - DK)

Marc Saab (Montréal - CA)

Carlo Alberto Tassinari (Bologna)

Paolo Tinuper (Bologna)

Anna Elisabetta Vaudano (Modena)

Lucia Zinno (Parma)

VENUE

Sala Congressi delle Scienze
Padiglione 25 - Campus Università di Parma
Strada Langhirano snc

REGISTRATION FEES

Resident

€ 97,60 (€ 80,00 + VAT 22%)

- the fee will be applied for the first 40 registrations -
Simultaneously with the online registration, the Resident must forward by e-mail to: enzo.cunsolo@ptsroma.it a self-certification attesting the Resident position. Without this document the reduced registration cannot be confirmed.

Participant

€ 183,00 (€ 150,00 + VAT 22%)

Fee includes:

- ▷ Admission to scientific sessions
- ▷ Lunch and coffee breaks
- ▷ Certificate of attendance

REGISTRATION LINK

[Click here to register](#)

CME / ECM

The meeting has not been accredited for CME Programme

CERTIFICATE OF ATTENDANCE

The certificate of attendance will be delivered at the end of the meeting

ORGANIZING SECRETARIAT



Meetings & Events

Via Volturmo, 2c - 00185 Roma

Ph. +39 06 85355590

E-mail: enzo.cunsolo@ptsroma.it

Friday, October 4th

- 12:00 - 13:00 Participants registration
- 13:00 - 13:30 Welcome and Opening Ceremony

INTRODUCTIVE LECTURE

Chair: *I. Florindo* (Parma)

- 13:30 - 13:45 Introduction - *I. Florindo* (Parma)
- 13:45 - 14:15 The EEG from Hans Berger to the third millennium
F. Brigo (Bolzano)

BASIC NEUROSCIENCE

Chair: *G. Rizzolatti* (Parma)

- 14:15 - 14:30 Introduction - *G. Rizzolatti* (Parma)
- 14:30 - 15:00 The EEG contribution to basic neuroscience
P. Avanzini (Parma)
- 15:00 - 15:30 EEG and consciousness
M. Massimini (Milano)
- 15:30 - 16:00 Discussion
- 16:00 - 16:30 *Coffee break*
- Lecture by Jazz Pharmaceuticals
- 16:30 - 17:00 The role of cannabidiol in the context of the holistic management of DEEs
Chair: *L. Nobili* (Genova) - Speaker: *S. Meletti* (Modena)

EPILEPSY

Chairs: *A.E. Vaudano* (Modena) - *C.A. Tassinari* (Bologna)

- 17:00 - 17:15 Introduction - *A.E. Vaudano* (Modena) - *C.A. Tassinari* (Bologna)
- 17:15 - 17:45 Stereo-EEG in sleep-related epilepsies
L. Nobili (Genova)
- 17:45 - 18:15 EEG-fMRI in epilepsy: clinical and research applications
J. Gotman (Montréal - CA)
- 18:15 - 18:45 Discussion

Saturday, October 5th

SLEEP

Chairs: *L. Ferini Strambi* (Milano) - *E. Bonanni* (Pisa)

08:45 - 09:00 Introduction - *L. Ferini Strambi* (Milano) - *E. Bonanni* (Pisa)

09:00 - 09:30 Phasic events, CAP and sleep disorders
L. Parrino (Parma)

09:30 - 10:00 Sleep EEG in neurodegenerative disorders
F. Provini (Bologna)

10:00 - 10:30 Discussion

Lecture by Idorsia Pharmaceuticals Italy

10:30 - 11:00 Sleep EEG in Chronic Insomnia Disorder and the daridorexant effect

Chair: *L. Parrino* (Parma) - Speaker: *C. Liguori* (Roma)

11:00 - 11:30 *Coffee break*

EEG IN INTENSIVE CARE UNIT

Chair: *S. Meletti* (Modena)

11:30 - 11:45 Introduction - *S. Meletti* (Modena)

11:45 - 12:15 EEG in the critical care setting
L. Hirsch (New Haven - US)

12:15 - 12:45 EEG role after cardiac arrest: not only neuroprognostication
P. De Stefano (Genève - CH)

12:45 - 13:15 Discussion

13:15 - 14:15 *Lunch*

FUTURE PERSPECTIVES

Chairs: *P. Tinuper* (Bologna) - *L. Zinno* (Parma)

14:15 - 14:30 Introduction - *P. Tinuper* (Bologna) - *L. Zinno* (Parma)

14:30 - 15:00 Ultra long-term EEG monitoring
G. Rubboli (Dianalund - DK)

15:00 - 15:30 EEG automatic analysis with Artificial Intelligence
M. Saab (Montréal - CA)

15:30 - 16:00 Discussion and Closing remarks