

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

Parma, 4th - 5th October 2024

SCIENTIFIC PROGRAM

Friday 4th October

12.00-13.00: Participant registration

13.00 – 13.30: Welcome and opening ceremony

INTRODUCTIVE LECTURE

13.30-13.45 Chair: Florindo I, Parma

13.45 – 14.15: "The EEG from Hans Berger to the third millennium" – Tinuper P, Bologna

BASIC NEUROSCIENCE

14.15 – 14.30: Chair - Rizzolatti G, Parma - Brief introduction

14.30-15.00: "The EEG contribution to basic Neuroscience" – Avanzini P, Parma

15.00-15.30: "EEG and consciousness" - Massimini M, Milano

Coffee break (15.30-16.00)

EPILEPSY

16.00-16.30 Chair: Vaudano AE; Modena– Tassinari CA, Bologna - Brief Introductions

16.30-17.00: "Stereo-EEG in sleep-related epilepsies" – Nobili L, Genova

17.00-17.30 "EEG-fMRI in epilepsy: clinical and research applications"- Gotman J, Montréal

17.30 - 18.00: Sponsored lecture: Introduced by.....and held by.....(JAZZ)

18.00-19.00 Final discussion on all the presentations

Saturday 5th October

SLEEP

8.45-9.00 Chair.....

09.00 – 09.30: "EEG and local sleep" – **Tononi G, USA**

9.30-10.00: "Phasic events, CAP and sleep disorders" – **Parrino L, Parma**

10.00 – 10.30: "Sleep EEG in neurodegenerative disorders" - **Provini F., Bologna**

10.30-11.00: Coffee break

EEG IN INTENSIVE CARE UNIT

11.00-11.10 Chair: Meletti S, Modena

11.10 – 11.40: "EEG in the critical care setting" – **Hirsch L, USA**

11.40 – 12.10: "EEG role after cardiac arrest: not only neuroprognostication" - **De Stefano P, Ginevra**

12.10-13.00: Discussion on all the morning presentations

Lunch: 13.00 - 14.00

FUTURE PERSPECTIVES

14.00-14.10 Chair: Zinno L, Parma,

14.15 - 14.45: "The Virtual Brain" – **Bartolomei F, Marsiglia**

14.45 – 15.15: "Ultra long-term EEG monitoring" - **Rubboli G, Copenhagen**

15.15 – 15.45: "EEG automatic analysis with Artificial Intelligence" – **Saab M, Montreal**

15.45 – 16.30: Discussion

Closing remarks