

3th BOLOGNA EEG-EIPED COURSE

EEG INTERPRETATION IN PEDIATRIC EPILEPSIES

International advanced interactive training course
October 10-14, 2021

Physicians, even when not specialized in epilepsy, have to face new-onset potentially rare, complex or drug-resistant epilepsies. EEG and Video-EEG (VEEG) are always the first diagnostic tools with history acquisition and clinical examination. Analysis of the EEG and VEEG recordings guide both the prescription of other diagnostic investigations (neuroimaging, genetic screening) and the first treatment choices. Follow-up and treatment strategies also highly depend upon EEG and VEEG.

This course on interactive interpretation of EEG and VEEG patterns is developed specifically for child neurologists, neurophysiologists and pediatricians caring for children with epilepsy. The 2021 course includes training modules covering different aspects of the electroencephalography in generalized epilepsy and reflex epilepsy.

All aspects of surface interictal and ictal EEG will be covered, including recognition of basic rhythms, morphological and clinical significance of interictal epileptiform abnormalities and syndrome-specific EEG patterns.

Highly experienced mentors will lead the lessons: to privilege interaction each course will be limited to 40 participants. In addition, 5 additional inscriptions will be granted to neurophysiopathology technicians.

The course is designed in the format of practical training modules. To facilitate interaction during EEG interpretation the learners will be matched in groups of maximum 6 per 2 mentors.

Pre-acquired basic EEG knowledge is highly recommended, but if it will be necessary one basic group of 6 learners could be formed.

Registration will be offered on a first-come first-served basis.

[At the end of the course a Pediatric Epilepsy Surgery Course on non-invasive presurgical evaluation will be carried out. The attendance of the EEG-EIPED course learners is discounted and strongly required.](#)

International Scientific Committee: Giuseppe Gobbi (Italy), Alexis Arzimanoglou (France), Michael Duchowny (USA), Prasanna Jayakar (USA), Hans Holthausen (Germany), Carlo Alberto Tassinari (Italy), Angelo Russo (Italy).

Local Organizing Committee: UOC Neuropsichiatria Infantile, IRCCS – Institute of Neurological Sciences of Bologna.

Faculty (TBC): Javier Aparicio Calvo (Spain), Alexis Arzimanoglou (France), Vincenzo Belcastro (Italy), Giuseppe Capovilla (Italy), Elisabetta Cesaroni (Italy), Antonietta Coppola (Italy), Helen Cross (UK), Michael Duchowny (USA), Giuseppe Gobbi (Italy), Hans Holthausen (Germany), Prasanna Jayakar (USA), Christian Korff (CHU), Antonia Parmeggiani (Italy), Erica Rebessi (Italy), Guido Ruboli (DK), Angelo Russo (Italy), Victoria San Antonio (Germany), Pasquale Striano (Italy), Salvatore Striano (Italy), Carlo Alberto Tassinari (Italy), Tatiana Tomenko (Russia), Sameer Zuberi (UK), Angelo Guerra (neurophysiopathology technician - Italy)

PRELIMINARY PROGRAM

Sunday, October 10th, 2020

1:30 – 2:00 p.m. **Welcome and Course Introduction** (*Scientific Committee*)

2:00 – 2:45 p.m. **Lecture:** *Epilepsy with generalized seizures: clinical criteria and genetic basis*
(*Helen Cross, UK*)

2:45 – 3:30 p.m. **Lecture:** *Epilepsies with reflex seizures: clinical criteria and classification*
(*Alexis Arzimanoglou, France*)

3:30 – 4:30 **Training Phase 1 (Case 1)**

4:30 – 5:00 *Coffee break*

5:00 – 6:00 **Debriefing phase 1 (case 1)**

6:00 – 6:45 p.m. **Lecture:** *Neurophysiological basis of reflex seizures*
(*Prasanna Jayakar, USA*)

8:00 p.m. *Welcome Buffet*

Monday, October 11th, 2020

8:15 – 8:45 a.m. **Lecture:** *Early and Late onset Absence Epilepsy*
(*Angelo Russo, Italy*)

8:45 – 9:15 a.m. **Lecture:** *Early onset Myoclonic Absence Epilepsy*
(*Vincenzo Belcastro, Italy*)

9:15 – 11:00 a.m. **Training Phase 2 (Case 2-3)**
Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 2 (case 2-3)**

1:00 – 2:00 p.m. *Lunch*

2:00 – 2:45 p.m. **Lecture:** *From myoclonic to bilateral tonic-clonic seizures*
(*Christian Korff, CH*)

2:45 – 4:45 p.m. **Training Phase 3 (Case 4-5)**

Coffee break included

4:45 – 6:30 p.m. **Debriefing phase 3 (case 4-5)**

Free Evening

Tuesday, October 12th, 2020

8:15 – 9:00 a.m. **Lecture:** *Photosensitive Epilepsies*
(Giuseppe Capovilla, Italy)

9:00 – 11:00 a.m. **Training Phase 4 (Case 6-7)**
Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 4 (case 6-7)**

1:00 – 2:00 p.m. Lunch

2:00 – 2:45 p.m. **Lecture:** *Eyes closing seizures and Eyelid Myoclonia with absences*
(Salvatore Striano, Italy)

2:45 – 4:45 p.m. **Training Phase 5 (Case 8-9)**
Coffee break included

4:45 – 6:30 p.m. **Debriefing phase 5 (case 8-9)**

Free Evening

Wednesday, October 13th, 2020

8:15 – 9:00 a.m. **Lecture:** *Startle epilepsies*
(Sameer Zuberi, Scotland)

9:00 – 11:00 a.m. **Training Phase 6 (Case 10-11)**
Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 6 (case 10-11)**

1:00 – 2:00 p.m. Lunch

2:00 – 2:45 p.m. **Lecture:** *Cognitive and emotional reflex seizures*
(Guido Rubboli, Denmark)

2:45 – 4:45 p.m. **Training Phase 7 (Case 12-13)**
Coffee break included

4:45 – 6:30 p.m. **Debriefing phase 7 (case 12-13)**

8:30 p.m. **Dinner in Bologna Down Town**

Thursday, October 14th, 2020

8:00 – 13:00 p.m. **Learners case presentation**
(Including coffee break)

Session closure with free time or Bologna tour (optional)

Faculty (TBC): Helen Cross (UK), Alexis Arzimanoglou (France), Michael Duchowny (USA), Giuseppe Gobbi (Italy), Sameer Zuberi (Scotland), Carlo Alberto Tassinari (Italy), Prasanna Jayakar (USA), Guido Rubboli (DK), Salvatore Striano (Italy), Angelo Russo (Italy), Victoria San Antonio (Germany), Giuseppe Capovilla (Italy), Hans Holthausen (Germany), Pasquale Striano (Italy), Christian Korff (Switzerland), Antonietta Coppola (Italy), Antonia Parmeggiani (Italy), Javier Aparicio Calvo (Spain), Tatiana Tomenko (Russia), Erica Rebessi (Italy), Elisabetta Cesaroni (Italy), Vincenzo Belcastro (Italy), Angelo Guerra (neurophysiopathology technician from Italy).