



First International Training Course in StereoElectroEncephalography

« *Temporal and Temporal plus
Epilepsies* »

February 9th - 13th, 2010
Lyon - France

Course Directors
Philippe Kahane (Grenoble)
Philippe Ryvlin (Lyon)

Welcome

« The epilepsy centers of Grenoble and Lyon, IDEE (Institute for Children and adolescents with epilepsy) and the epilepsy journal *Epileptic Disorders*, are proud to announce the First international training course in Stereo-ElectroEncephaloGraphy (SEEG) to be held in Lyon (France). This initiative echoes to the exponentially growing interest in a large number of countries, where invasive monitoring has traditionally used sub-dural grids, for the comprehensive pre-surgical evaluation approach developed more than 50 years ago by Jean Talairach and Jean Bancaud.

The SEEG training course is expected to be a four to five years cycle that will cover the full spectrum of SEEG issues.

The 9th to 13th of February 2010 First SEEG training course will particularly focus on temporal and temporal *plus* epilepsies.

The program will include debates and practical training on selection criteria, concrete design of electrode implantation, interpretation of SEEG recordings and results of cortical stimulation, decision-making for the most appropriate surgical excision. Leaders of the SEEG procedure from the experienced centers of Grenoble, Lyon, Marseille, Milano, Nancy, Paris Sainte-Anne and Rennes compose the Faculty. The ILAE Commission on European Affairs supports the training course.

Looking forward to welcome you in Lyon. »



Philippe Kahane



Philippe Ryvlin

Organizing Committee

Alexis ARZIMANOGLU (Lyon)
Stephane CHABARDES (Grenoble)
Stefano FRANCIONE (Milano)
Marc GUENOT (Lyon)
Dominique HOFFMANN (Grenoble)
Jean ISNARD (Lyon)
Philippe KAHANE (Grenoble)
Lorella MINOTTI (Grenoble)
Philippe RYVLIN (Lyon)
Eric SEIGNEURET (Grenoble)
Laura TASSI (Milano)

Invited Faculty

Fabrice BARTOLOMEI (Marseille)
Arnaud BIRABEN (Rennes)
Francesco CARDINALE (Milano)
Françoise CHASSOUX (Paris)
Hélène CATENOIX (Lyon)
Bertrand DEVAUX (Paris)
Stefano FRANCIONE (Milano)
Marc GUENOT (Lyon)
Jean ISNARD (Lyon)
Louis MAILLARD (Nancy)
Lorella MINOTTI (Grenoble)
Alexandra MONTAVONT (Lyon)
Karine OSTROWSKY (Lyon)
Laura TASSI (Milano)

Organisation :

ANT CONGRES

SEEG-2010@ant-congres.com

Tel : + 33 4 67 10 92 23



Course Description

Four days training course favoring the acquisition of practical skills through case-based discussion.

The course is primarily organized through parallel workshops (21 hours), where eight groups of four to five students will work on real patient's data under the permanent supervision of SEEG experts.

Training workshops will be followed by general discussions (13 hours) during which all students will share and discuss their own suggestions with all members of the Faculty.

Students will be given access to all patients' data information, including computerized on line video EEG, MRI and PET data, using dedicated software. Based on non-invasive data, they will have to decide which patients should benefit from SEEG, and to define the number and location of electrodes to be implanted in each selected patient. They will then have to review and summarize SEEG data, and to recommend a surgical decision.

Target Audience

Neurologists, Child neurologists and Neurosurgeons competent in epilepsy and epilepsy surgery, with a specific interest for intracranial monitoring.

Number of participants is limited to 40, on a first come first served basis.

Language : *English*

Learner Outcomes

- ② Identify SEEG candidates between patients with temporal lobe and temporal lobe *plus* epilepsy
- ② Analyze non-invasive data to design electrode implantation
- ② Interpretation of SEEG recordings and cortical stimulation data
- ② Drawing of the most appropriate surgical excision.

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Tuesday, February 9th, 2010



1:30 - 2:00 p.m

Welcome and Introduction

2:00 - 5:00 p.m

Parallel Workshops 1 to 8 with participation of all tutors : Cases 1 & 2
Review of Phase I data and decision to proceed to SEEG

5:00 - 6:00 p.m

Break

6:00 - 9:00 p.m

Parallel Workshops 1 to 8 with participation of all tutors : Cases 3 & 4
Review of Phase I data and decision to proceed to SEEG

9:00 p.m

Hot wine gathering

Wednesday, February 10th, 2010

9:10 - 12:00 a.m

Parallel Workshops 1 to 8 with participation of all tutors : Cases 5 & 6
Review of Phase I data and decision to proceed to SEEG

12:00 - 1:30 p.m

Lunch on site

1:30 - 2:00 p.m

Lecture : Which patients benefit from SEEG

Speaker : Fabrice Bartolomei (Marseille)

2:00 - 2:30 p.m

Discussion

2:30 - 3:00 p.m

Lecture : Electroclinical features of TLE vs TLE *plus* epilepsy

Speaker : Philippe Kahane (Grenoble)

3:00 - 3:30 p.m

Discussion

3:30 - 4:30 p.m

Break

4:30 - 7:30 p.m

General discussion of cases 1 to 6 and selection of SEEG candidates

8:00 - 9:30 p.m

Training Course Dinner on site

9:30 - 10:00 p.m

Lecture : Multimodal imaging & SEEG

Speaker : Philippe Ryvlin (Lyon)

10:00 - 10:30 p.m

Discussion

Thursday, February 11th, 2010



9:00 - 1:00 a.m

Parallel Workshops 1 to 8 with participation of all tutors

Designing the SEEG of the selected cases : Electrodes number, anatomical targets and trajectories

1:00 - 2:00 a.m

Lunch on site

2:00 - 2:30 p.m

Lecture: The framework of SEEG design

Speaker : Stefano Francione (Milano)

2:30 - 3:00 p.m

Discussion

3:00 - 3:30 p.m

Lecture: Analysis and interpretation of SEEG data

Speaker : Laura Tassi (Milano)

3:30 - 4:00 p.m

Discussion

4:00 - 5:00 p.m

Break

5:00 - 9:00 p.m

Parallel Workshops 1 to 8 with participation of all tutors : Selected cases (part 1)

Analysis and interpretation of SEEG data, decision to proceed to surgery, and proposal of a surgical procedure

Friday, February 12th, 2010



9:00 - 1:00 a.m

Parallel Workshops 1 to 8 with participation of all tutors : Selected cases (part 2)
**Analysis and interpretation of SEEG data, decision to proceed to surgery,
 and proposal of a surgical procedure**

1:00 - 2:00 a.m

Lunch on site

2:00 - 4:30 p.m

General discussion of the SEEG conclusion of selected cases (Part 1)

4:30 - 5:30 p.m

Break

5:30 - 9:00 p.m

General discussion of the SEEG conclusion of selected cases (Part 2)

Saturday, February 13th, 2010

9:00 - 9:30 a.m

Lecture : Surgical aspects of orthogonal SEEG

Speaker : Marc Guénot (Lyon)

9:30 - 10:00 a.m

Lecture : Surgical aspects of non-orthogonal SEEG

Speaker : Francesco Cardinale (Milano)

10:00 - 11:00 a.m

Discussion

11:00 - 11:30 a.m

Break

11:30 - 12:00 a.m

Lecture : SEEG based cortectomy

Speaker : Bertrand Devaux (Paris)

12:00 - 12:30 p.m

Discussion

12:30 - 2:00 p.m

Goodbye lunch on site

Registration Fee : 1,500 €

Registration fee includes :

- ① Access to all workshops, sessions and training material
- ① Four nights (from Tuesday 9th to Friday 12th of February 2010) accommodation on site.
Students and Faculty are expected to stay on site during the whole duration of the training course
- ① Breakfast and Lunch
- ① Welcome Hot Wine Gathering (Tuesday)
- ① Faculty and Students diner (Wednesday)

Registration deadline (on a first come, first served basis) : NOVEMBRE 28th, 2009

CONTACT FOR APPLICATION AND FURTHER INFORMATION : SEEG-2010@ant-congres.com

- Please fully complete the attached registration form and send it to SEEG-2010@ant-congres.com together with a short CV.
- You will be informed about acceptance of your application and modalities of registration fees payment within a week.
- Registration will be considered effective only once the registration fee is received (exceptions to this rule are not possible).
- Registration fee has to be transferred within 15 working days from acceptance of your registration.
- Participants will be strictly limited to 40 on a first come first served basis.

*Venue : Hotel Lyon Métropole * * * **

Hôtel Lyon Métropole

85, quai Joseph Gillet - 69004 LYON

Phone : +33 4 72 10 44 44

Website : www.lyonmetropole.com

Direct reservations via the hotel are not possible.

REGISTRATION FORM

First International Training Course in StereoElectroEncephalography - 9th - 13th February 2010

Please send this form before **NOVEMBER 28th** to :

ANT CONGRES

154, avenue de Lodève - 34070 Montpellier, France

Tel : # 33 (0)4 67 10 92 23

E-mail : **SEEG-2010@ant-congres.com**



REGISTRATION

Title : Prof./MD/PhD/Mr./Mrs./Miss : Male Female

Last name, First name :

Organisation/Institution/Dept. :

Address :

ZIP code : City : Country :

Phone : Fax :

E-mail* :

*Compulsory

REGISTRATION FEE : 1,500 €

Registration fee includes :

- Access to all workshops, sessions and training material
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Cancellation

Cancellation cannot be refunded.

www.fondation-idee.org

