

# First International Training Course in StereoElectroEncephalography

« *Temporal and Temporal plus  
Epilepsies* »

February 9<sup>th</sup> - 13<sup>th</sup>, 2010  
Lyon - France

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

# Welcome

Dear colleagues

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 you to the **First international training course in Stereo-ElectroEncephaloGraphy (SEEG)** held in Lyon (France) and supported by the ILAE Commission on European Affairs.

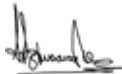
This initiative echoes to the exponentially growing interest in a large number of countries, where invasive monitoring has traditionally used sub-dural grids, for the comprehensive pre-surgical evaluation approach developed more than 50 years ago by Jean Talairach and Jean Bancaud.

The four days training course is designed to favor the acquisition of practical skills through case-based discussion. Eight groups of four to five students will work on real patient's data under the permanent supervision of SEEG experts from the experienced centers of Grenoble, Lyon, Marseille, Milano, Nancy, Paris Sainte-Anne and Rennes.

You will be given access to all patients' data information, including computerized on line video-EEG (using dedicated software, graciously offered by MICROMED), MRI and PET. Based on non-invasive data, you 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. You will then have to review and summarize SEEG data, and to recommend a surgical decision. Training workshops will be followed by general discussions during which all participants will share and discuss their own suggestions with all members of the Faculty.

For the training course to be at the level of your expectations active participation to all debates is a prerequisite.

We wish you a nice staying in Lyon and we hope you will enjoy this new initiative.



Alexis ARZIMANOGLOU



Philippe KAHANE



Philippe RYVLIN

## Organizing Committee

Alexis ARZIMANOGLOU (Lyon)  
Stephan CHABARDES (Grenoble)  
Stefano FRANCIONE (Milano)  
Marc GUENOT (Lyon)  
Dominique HOFFMANN (Grenoble)  
Jean ISNARD (Lyon)  
Philippe KAHANE (Grenoble)  
Roberto MAI (Milano)  
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 :

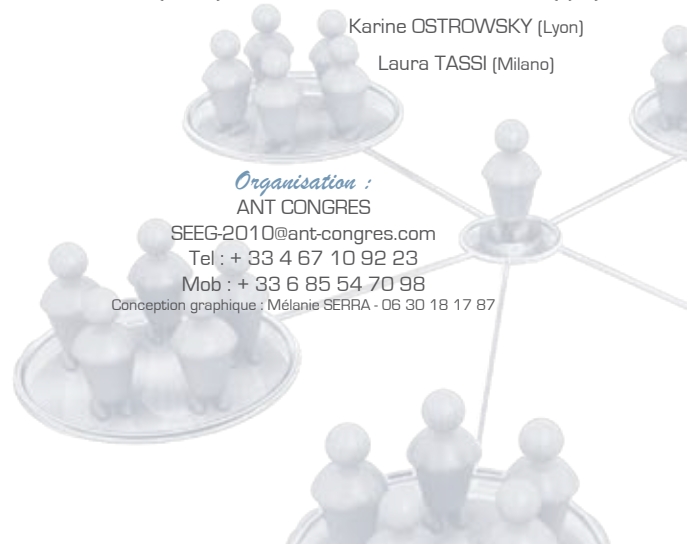
ANT CONGRES

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Conception graphique : Mélanie SERRA - 06 30 18 17 87



Tuesday, February 9<sup>th</sup>, 2010



1:30 - 2:00 p.m

**Welcome and Introduction**

2:00 - 3:00 p.m

**Lecture 1 : Which patients benefit from SEEG**

Speaker : Fabrice Bartolomei (Marseille)

2:30 - 3:00 p.m

Discussion

3:00 - 5:30 p.m

Parallel Workshops : Cases 1 to 3

**Review of Phase 1 data and decision to proceed to SEEG**

5:30 - 6:30 p.m

Break

6:30 - 9:00 p.m

Parallel Workshops : Cases 4 to 6

**Review of Phase 1 data and decision to proceed to SEEG**

9:00 p.m

Hot wine gathering

PROGRAM

Wednesday, February 10<sup>th</sup>, 2010



9:00 - 10:00 a.m

**Lecture 2 : Electroclinical features of TLE vs TLE *plus* epilepsy**

Speaker : Philippe Kahane (Grenoble)

9:30 - 10:00 a.m

Discussion

10:00 - 11:00 a.m

**Lecture 3 : Multimodal imaging and SEEG**

Speaker : Philippe Ryvlin (Lyon)

10:30 - 11:00 a.m

Discussion

11:00 - 12:00 a.m

**Lecture 4 : The framework of SEEG design**

Speaker : Stefano Francione (Milano)

11:30 - 12:00 a.m

Discussion

12:00 - 2:00 p.m

Lunch on site

2:00 - 5:00 p.m

General discussion of SEEG candidates and localization hypotheses : Cases 1 to 6

5:00 - 6:00 p.m

Break

6:00 - 8:30 p.m

Parallel Workshops : Cases 1 to 6

**Designing the SEEG scheme (number of electrodes, anatomical targets and trajectories)**

8:30 - 10:00 p.m

Dinner on site

Thursday, February 11<sup>th</sup>, 2010



9:00 - 11:30 a.m

General discussion of implantation strategies : Cases 1 to 6

11:30 - 12:00 a.m

Break

12:00 - 1:00 a.m

**Lecture 5 : Analysis and interpretation of SEEG data**

Speaker : Laura Tassi (Milano)

12:30 - 1:00 a.m

Discussion

1:00 - 3:00 p.m

Lunch on site

3:00 - 5:00 p.m

Parallel Workshops : Cases 1 & 2

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

5:00 - 6:00 p.m

Break

6:00 - 8:00 p.m

Parallel Workshops : Cases 3 & 4

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

8:00 p.m

Free evening

PROGRAM

Friday, February 12<sup>th</sup>, 2010



9:00 - 12:00 a.m

Parallel Workshops : Cases 5 & 6

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

12:00 - 2:00 p.m

Lunch on site

2:00 - 4:30 p.m

General discussion of the SEEG conclusion : Cases 1 to 3

4:30 - 5:30 p.m

Break

5:30 - 8:00 p.m

General discussion of the SEEG conclusion : Cases 4 to 6

8:30 p.m

Dinner Brasserie de l'Ouest

Saturday, February 13<sup>th</sup>, 2010

9:00 - 10:00 a.m

**Lecture 6 : Surgical aspects of orthogonal SEEG**

Speaker : Marc Guénot (Lyon)

9:30 - 10:00 a.m

Discussion

10:00 - 11:00 a.m

**Lecture 7 : Surgical aspects of non-orthogonal SEEG**

Speaker : Francisco Cardinale (Milano)

10:30 - 11:00 a.m

Discussion

11:00 - 11:30 a.m

Break

11:30 - 12:30 p.m

**Lecture 8 : SEEG based cortectomy**

Speaker : Bertrand Devaux (Paris)

12:00 - 12:30 p.m

Discussion

12:30 - 2:00 p.m

Goodbye lunch on site

# Participants

ALEXOPOULOS Andreas (USA)  
AMRE Shahwan (IRELAND)  
ANDRADE René (CUBA)  
BASIC Silvio (CROATIA)  
BENTES Carlos (PORTUGAL)  
BILIC Sofia (GERMANY)  
BULACIO Juan (USA)  
CHIESA Valentina (ITALY)  
CLAUS Steven Paul (THE NETHERLANDS)  
COLON Albert (NETHERLANDS)  
COSTA Paolo (ITALY)  
COSTA José (PORTUGAL)  
DEBETS René Marie Christiaan (THE NETHERLANDS)  
DIMOVA Petia (BULGARIA)  
DOBESBERGER Judith (AUSTRIA)  
DUNCAN Susan (UK)  
GUOMING Luan (P.R.CHINA)  
HARTMAN Adam (USA)  
HOGENHAVEN Hans (DENMARK)  
KARPPINEN Atte (FINLAND)  
KESSLER Stephanie (GERMANY)

KUDERNATSCH Manfred (GERMANY)  
KWAN Patrick (CHINA)  
LEES Rita (FINLAND)  
LIU Xingzhou (CHINA)  
MARTINEZ Jorge (USA)  
MARUSIC Petr (CZECH REPUBLIC)  
MINKIN Krasimir (BULGARIA)  
MUNOZ Victor (ARGENTINA)  
OZKARA Cigdem (TURKEY)  
PEREZ Jimenez (SPAIN)  
PIEPER Tom (GERMANY)  
RAMANTANI Georgia (GERMANY)  
REYNS Nicolas (FRANCE)  
SADLER Mark (NOVA SCOTIA)  
SCHOLLY Julia (GERMANY)  
SCHULZE-BONHAGE Andreas (GERMANY)  
SCHWARZ Gabriele (AUSTRIA)  
SERRATOSA Jose (SPAIN)  
SPORIS Davor (CROATIA)  
STAACK Anke Maren (GERMANY)  
TYVAERT Louise (FRANCE)



[www.fondation-idee.org](http://www.fondation-idee.org)

