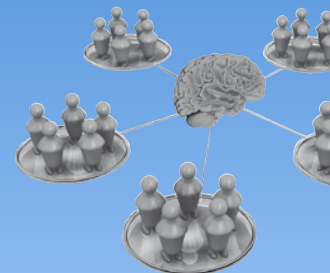


# 5<sup>th</sup> European SEEG Course on «Seizures of the Motor System»

February 4<sup>th</sup> - 8<sup>th</sup>, 2014  
Venice - Italy

## Scientific Committee

Francesco Cardinale  
Stefano Francione  
Philippe Kahane  
Giorgio Lo Russo  
Philippe Ryvlin  
Laura Tassi



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# Welcome

Dear colleagues and friends,

On behalf of the Scientific Committee, we are delighted to welcome you in Venice (Italy) for the Fifth European SEEG Course, held with the support of the ILAE Commission on European Affairs.

This Fifth SEEG course will focus on « Seizures of the Motor System », and will follow the same organization as that used for the four previous courses.

It will be primarily based on computer-assisted practical training sessions where each attendees can access and analyse numerical neuroimaging and video-EEG/SEEG data, and extensive plenary discussions.

The theoretical aspects of the course will address several issues on the functional anatomy of the motor system, and will cover the SEEG approach of the major types of « motor » seizures such as M1 seizures, mesial premotor seizures, dorsolateral premotor seizures, and parieto-frontal seizures.

This year, a half-day session dedicated to surgical planning and multimodal imaging has been added to provide the participants with a useful complement to the anatomical, clinical, and neurophysiological background necessary to build a SEEG program.

We hope that this 5<sup>th</sup> round will be as successful as the previous ones and look forward to welcoming you in the beautiful city of Venice.

With our warmest regards



Stefano FRANCIONE



Philippe KAHANE



Philippe RYVLIN

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## Course Directors

Philippe KAHANE (Grenoble) & Philippe RYVLIN (Lyon)

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## Invited Faculty

Andreas ALEXOPOULOS (Cleveland)

Pietro AVANZINI (Parma)

Giuseppe BERTINI (Verona)

Francesco CARDINALE (Milano)

Hélène CATENOIX (Lyon)

Francine CHASSOUX (Paris)

Olivier DAVID (Grenoble)

Luca DE PALMA (Padova)

Giuseppe DIDATO (Milano)

François DUBEAU (Montréal)

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Giorgio LO RUSSO (Milano)

Roberto MAI (Milano)

Louis MAILLARD (Nancy)

Aileen Mc GONIGAL (Marseille)

Lorella MINOTTI (Grenoble)

Alexandra MONTAVONT (Lyon)

Imad NAJM (Cleveland)

Karine OSTROWSKY-COSTE (Lyon)

Giocomo RIZZOLATTI (Parma)

Philippe RYVLIN (Lyon)

Laura TASSI (Milano)

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**Organisation :** ANT CONGRES - Nathanaëlle Touchon-Zakraoui & Florence Marsy  
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Graphic design : www.kom-graphik.pro

*Tuesday, February 4<sup>th</sup>, 2014*

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1:30 - 2:00 p.m

**Welcome and Introduction**

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2:00 - 2:30 p.m

**Lecture 1: Functional anatomy of the primary motor cortex**

Speaker: Giuseppe Bertini (Verona)

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2:30 - 2:45 p.m

Discussion

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2:45 - 3:15 p.m

**Lecture 2: M1 seizures**

Speaker: Francine Chassoux (Paris)

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3:15 - 3:30 p.m

Discussion

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3:30 - 4:00 p.m

**Lecture 3: The premotor cortex and the parieto-frontal system**

Speaker: Giacomo Rizzolatti (Parma)

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4:00 - 4:15 p.m

Discussion

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4:15 - 4:45 p.m

Coffee break

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4:45 - 5:15 p.m

**Lecture 4: Mesial premotor seizures**

Speaker: Imad Najm (Cleveland)

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5:15 - 5:30 p.m

Discussion

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5:30 - 6:00 p.m

**Lecture 5: Dorsolateral premotor seizures**

Speaker: Stefano Francione (Milano)

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6:00 - 6:15 p.m

Discussion

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6:15 - 6:45 p.m

**Lecture 6: Parieto-frontal seizures**

Speaker: Laura Tassi (Milano)

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6:45 - 7:00 p.m

Discussion

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7:30 p.m

Welcome buffet on site

*Wednesday, February 5<sup>th</sup>, 2014*

8:30 - 11:00 a.m	Parallel Workshops : Cases 1-2 <b>Review of phase I data and design of the SEEG scheme</b>
11:00 - 11:30 a.m	Coffee break
11:30 - 12:30 a.m	General discussion on localizing hypotheses and SEEG schemes : Cases 1-2
12:30 - 2:00 p.m	Lunch on site
2:00 - 7:00 p.m	<b>SEEG: SURGICAL PLANNING AND 3D MULTIMODAL IMAGING</b>
2:00 - 2:30 p.m	<b>Overview on software packages for neuroimaging</b> Speaker: Francesco Cardinale (Milano)
2:30 - 4:00 p.m	<b>The workflow for SEEG planning and implantation at Niguarda Hospital</b> Speaker: Francesco Cardinale (Milano)
4:00 - 4:30 p.m	<b>Implantation of SEEG electrodes at the Cleveland Clinic</b> Speaker: Jorge Gonzales-Martinez (Cleveland)
4:30 - 5:00 p.m	Coffee break
5:00 - 6:45 p.m	<b>Multimodal visual tools for SEEG electrodes localization: a tutorial</b> Speakers: Francesco Cardinale (Milano), Jorge Gonzales-Martinez (Cleveland)
6:45 - 7:30 p.m	<b>Advanced neuroimaging and SEEG as research tools</b> Speaker: Pietro Avanzini (Parma)
7:30 p.m	Free evening

*Thursday, February 6<sup>th</sup>, 2014*

8:30 - 11:00 a.m	Parallel Workshops: Cases 1-2 <b>Analysis of SEEG data and proposal of a surgical procedure</b>
11:00 - 11:30 a.m	Coffee break
11:30 - 12:30 a.m	General discussion on SEEG conclusions : Cases 1-2
12:30 - 2:00 p.m	Lunch on site
2:00 - 2:30 p.m	<b>Lecture 7: How to explore with SEEG the functions of the motor and premotor system[s]</b> Speaker: Roberto Mai (Milano)
2:30 - 2:45 p.m	Discussion
2:45 - 5:45 p.m	Parallel Workshops: Cases 3-4 <b>Review of phase I data and design of the SEEG schemes</b>
5:15 - 5:45 p.m	Coffee break
5:45 - 6:45 p.m	General discussion on localizing hypotheses and SEEG schemes : Cases 3-4
6:45 p.m	Free evening

*Friday, February 7<sup>th</sup>, 2014*

8:30 - 11:00 a.m	Parallel Workshops: Cases 3-4 <b>Analysis of SEEG data and proposal of a surgical procedure</b>
11:00 - 11:30 a.m	Coffee break
11:30 - 12:30 a.m	General discussion on SEEG conclusions : Cases 3-4
12:30 - 2:00 p.m	Lunch on site
2:00 - 2:30 p.m	<b>Lecture 8: Surgery in and around the motor strip</b> Speaker: Giorgio Lo Russo (Milano)
2:30 - 2:45 p.m	Discussion
2:45 - 3:45 p.m	Parallel Workshops: Case 5 <b>Review of phase I data and design the SEEG scheme</b>
3:45 - 4:15 p.m	Coffee break
4:15 - 4:45 p.m	General discussion on localizing hypotheses and SEEG scheme : Case 5
4:45 - 6:00 p.m	Parallel Workshops: Case 5 <b>Analysis of SEEG data and proposal of a surgical procedure</b>
6:00 - 6:30 p.m	Coffee break
6:30 - 7:00 p.m	General discussion on SEEG conclusions: Case 5
8:00 p.m	Faculty/Students Dinner outside

*Saturday, February 8<sup>th</sup>, 2014*

9:00 - 9:30 a.m	<b>Lecture 9: How to go further with SEEG using signal analysis methods</b> Speaker: Olivier David (Grenoble)
9:30 - 9:45 a.m	Discussion
9:45 - 12:30 p.m <small>(including coffee-break)</small>	<b>Cases presentation by the participants</b>
12:30 p.m	Goodbye lunch on site

## Location Venue

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**BUDKE NEUKAMP** Marcelo Alberto (SPAIN)  
**BUITRAGO** Cesar (COLOMBIA)  
**CHAN LOK YIU** Eric (HONG-KONG)  
**CLAUS** Steven Paul (THE NETHERLANDS)  
**COLON** Albert (THE NETHERLANDS)  
**CONESA** Gerardo (SPAIN)  
**COOPER** Paul (UK)  
**DEXTER** Mark (AUSTRALIA)  
**DIMOVA** Petia (BULGARIA)  
**DOBESBERGER** Judith (AUSTRIA)  
**DOLLENZ** Manfred (AUSTRIA)  
**ELTZE** Christin (UK)  
**FAULKNER** Howard (UK)  
**GARCIA MORALES** Irène (SPAIN)  
**GILL** Deepak (AUSTRALIA)  
**GNATKOVSKY** Vadym (ITALY)  
**GONZALEZ** Walter (COLOMBIA)  
**GONZALEZ** Béatriz (SPAIN)  
**GURSES** Candan (TURKEY)  
**HALLBOOK** Tove (SWEDEN)  
**HEWETT** Russel (UK)  
**HOEGENHAVEN** Hans (DENMARK)  
**JONKER** Benjamin (AUSTRALIA)  
**KJAER** Troels (DENMARK)  
**KRSEK** Pavel (CZECH REPUBLIC)  
**KRYSL** David (SWEDEN)  
**LAURONEN** Leena (FINLAND)  
**LEACH** Veronica (UK)  
**LIAVA** Alexandra (ITALY)

**MARRAS** Carlos (ITALY)  
**MARUSIC** Peter (CZECH REPUBLIC)  
**MINDRUTA** Ioana (ROMANIA)  
**MINKIN** Krasimir (BULGARIA)  
**MORRIS** Robert (UK)  
**MULLATI** Nandini (UK)  
**O'REGAN** Mary (SCOTLAND)  
**OZKARA** Cigdem (TURKEY)  
**PELTOLA** Elliisa (FINLAND)  
**PRIETO GONZALEZ** Angel (SPAIN)  
**REBESSI** Erika (ITALY)  
**RISTIC** Aleksandar (SERBIA)  
**ROCAMORA** Rodrigo (SPAIN)  
**RYDENHAG** Bertil (SWEDEN)  
**SABERS** Anne (DENMARK)  
**SAN ANTONIO** Victoria (GERMANY)  
**SCHOLLY** Julia (FRANCE)  
**SELWAY** Richard (UK)  
**SERI** Stefano (UK)  
**SIERADZAN** Kasia (UK)  
**SPECCHIO** Nicola (ITALY)  
**STRZELCZYK** Adam (GERMANY)  
**TARTA-ARSENE** Oana (ROMANIA)  
**TOLEDANO** Rafael (SPAIN)  
**UNTERBERGER** Iris (AUSTRIA)  
**UZAN** Mustafa (TURKEY)  
**VATTI** Giampaolo (ITALY)  
**VRIELYNCK** Pascal (BELGIUM)  
**WENJING** Zhou (CHINA)  
**WONG** Chong (AUSTRALIA)  
**WONG** Toh Hock (AUSTRALIA)



PARTICIPANTS

# 3<sup>rd</sup> North-American Training Course on StereoElectroEncephaloGraphy

«Posterior Cortex Epilepsies»

September 21<sup>st</sup>-25<sup>th</sup>, 2014

*Sacacomie Hotel, Saint-Alexis-Des-Monts, QC, CANADA*



Dear colleagues and friends,

On behalf of the Scientific Committee, we are delighted to welcome you for the Third North-american Training Course in StereoElectroEncephaloGraphy (SEEG), which will be held from september 21<sup>st</sup> to 25<sup>th</sup>, 2014 in Montreal, with the support of the ILAE.

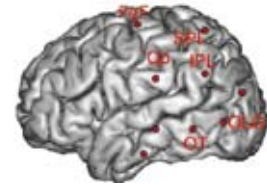
This third SEEG course will focus on « Posterior cortex epilepsies », and will follow the same organization as the one used for the two previous courses dedicated to temporal/temporal plus and frontal lobe epilepsies.

The course will be primarily based on computer-assisted practical training sessions where each attendees can access and analyse numerical neuroimaging and video-EEG/SEEG data, and extensive plenary discussions. These will cover the anatomy and anatomo-functional organization of the posterior cortex, characteristics of posterior cortex seizures and epilepsies, and all aspects directly related to SEEG, including selection criteria, choice of the number and targets of depth electrodes, interpretation of SEEG recordings and results of cortical stimulation, as well as surgical decision-making.

We hope that this 3<sup>rd</sup> round will be as successful as the previous ones and look forward to welcoming you at the outstanding Sacacomie Hotel.

With our best regards.

Philippe Kahane & Philippe Ryvlin  
Course Directors



## SCIENTIFIC COMMITTEE

Fabrice Bartolomei (Marseille)  
François Dubeau (Montreal)  
Stefano Francione (Milano)  
Jean Gotman (Montreal)  
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## FOR MORE INFORMATION. PLEASE CONTACT :

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