



ESSFN Hands On Courses

Stereotactic & Functional Neurosurgery Fundamentals



Organized by J Block, S Chabardes, A Franzini, J Guridi, M. Hariz, J Krauss, B Nuttin, J Régis, D Sakas, M Sceratti, G Schechtman.

28 - 29 April, 2014 Marseille France

FUNCTIONAL & STEREOTACTIC SURGERY EDUCATIONAL PROGRAM

U1 - BASICS OF STEREOTACTIC NEUROSURGERY

APRIL 28TH, 2014

- 08H00-08H30** Introduction ESSFN its history and missions. *Joachim Krauss*
- 08H30-09H30** History & definition of Stereotaxis. *Jean Régis*
- 09H30-10H00** Stereotaxis and calculations in the stereotactic space. *Mr Lefranc*
- 10H00-10H30** **COFFEE BREAK**
- 10H30-11H00** The main stereotactic systems (and frames). *Claudio Pollo*
- 11H00-12H00** Atlases (printed, electronic and probabilistic) historical aspects, principles & guidelines. *Joachim Krauss*
- 12H00-12H30** Discussion
- 13H00-14H00** **LUNCH**
- 14H00-14H30** Undirect targetting in Stereotaxis. *Stephan Chabardes*
- 14H30-15H30** Anatomy of the Thalamus. *Coubes Philippe*
- 15H30-16H30** Anatomy of the basal ganglia. *Jorge Guridi*
- 16H30-17H00** **COFFEE BREAK**
- 17H00-17H30** Imaging, technical aspects, CT, angio, morphological MR, Functional MR, tractography. *Didier Dormond*
- 17H30-18H00** Stereotactic Imaging. *Ludvic Zrinzo*
- 19H30** **DINNER ALL TOGETHER AT THE SNM**



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APRIL 29TH, 2014

- 08H00-09H00** Precision accuracy and quality control in Stereotaxis. *Jean Régis*
- 09H00-10H00** Neurophysiological mapping & Microrecording. *Alim Louis Benabid*
- 10H00-10H30** Hands On with Sponsors hardware and software
- 10H30-11H00** **COFFEE BREAK**
- 11H00-12H00** **Biopsies, technic, pathology technic.** *Gaston Schechtman*
- 12H00-12H45** Discussion
- 13H00-14H00** **LUNCH**
- 14H00-14H30** **Brain Absceses, diagnotic and treatment.** *Romain Carron*
- 14H30-15H00** **Brachytherapy.** *Serge Blond*
- 15H00-15H30** **History & technical aspects of radiosurgery.** *Denis Porcheron*
- 15H30-16H00** **Stereotactic guidance in open surgery.** *Jocelyne Bloch*
- 16H00-16H30** Hands On with Sponsors hardware and software
- 16H30-17H00** **COFFEE BREAK**
- 17H00-17H30** **Present & futur of Functional Neurosurgery.** *Angelo Franzini*
- 17H30-18H15** Discussion, Evaluation
- 18H15-18H30** **Closing remarks.** *Joachim Krauss*

www.essfntrainingcourse.mcocongres.com

GENERAL INFORMATION :

LOCAL HOST : PROFESSOR JEAN REGIS Hôpital de la Timone, Marseille, France

REGISTRATION CONTACT : mary.abbas@mcocongres.com / EXHIBITOR CONTACT : natalie.ruxton@mcocongres.com