



***Grenoble Symposium on
Deep Brain Stimulation :
Celebrating a history-making success***

**Université
Joseph Fourier**
GRENOBLE



Inserm
Institut national
de la santé et de la recherche médicale

Platinum Level



Gold Level



Silver Level



Bronze Level



Speakers/Chairpersons/Moderators :

- Y. Agid, Paris, France
- B. P. Bejjani, Beirut, Lebanon
- AL. Benabid, Grenoble, France
- A. Benazzouz, Bordeaux, France
- H. Bergman, Jerusalem, Israel
- S. Blond, Lille, France
- T. Bougerol, Grenoble, France
- H. Bronte-Stewart, San Francisco, USA
- P. Brown, Oxford, UK
- S. Chabardes, Grenoble, France
- V.A. Coenen, Freiburg, Germany
- P. Coubes, Montpellier, France
- D. Denys, Amsterdam, Netherlands
- G. Deuschl, Kiel, Germany
- M. Hariz, London, UK
- N. Hattori, Tokyo, Japan
- P. Krack, Grenoble, France
- J. Krauss, Hannover, Germany
- A.E. Lang, Toronto, Canada
- A. Lees, London, UK
- Y. Li, Beijing, China
- P. Limousin, London, UK
- A.M. Lozano, Toronto, Canada
- L. Mallet, Paris, France
- H. Mayberg, Atlanta, USA
- R. Melvill, Cape Town, South Africa
- E. Moro, Grenoble, France
- B. Nuttin, Leuven, Belgium
- J. Obeso, Pamplona, Spain
- M. Okun, Gainesville, USA
- S. PalXi, Paris, France
- N. Pavese, London, UK
- B. Piallat, Grenoble, France
- P. Pollak, Geneva, Switzerland
- M. Polosan, Grenoble, France
- J. Regis, Marseille, France
- M. Savasta, Grenoble, France
- P. Silburn, Queensland, Australia
- P. Starr, San Francisco, USA
- S. Thobois, Lyon, France
- M. Vidailhet, Paris, France
- V. Visser-Vandewalle, Cologne, Germany
- J. Volkmann, Würzburg, Germany

Scientific Committee:

- C. Ardouin, Grenoble, France
- AL. Benabid, Grenoble, France
- A. Benazzouz, Bordeaux, France
- T. Bougerol, Grenoble, France
- S. Chabardes, Grenoble, France
- V. Fraix, Grenoble, France
- P. Krack, Grenoble, France
- P. Limousin, London, UK
- E. Moro, Grenoble, France
- P. Pollak, Geneve, Switzerland
- M. Polosan, Grenoble, France
- E. Seigneuret, Grenoble, France

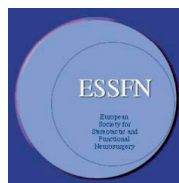
Organizing Committee:

- C. Baumes, Grenoble, France
- A. Bichon, Grenoble, France
- A. Castrioto, Grenoble, France
- B. Debu, Grenoble, France
- E. Gay, Grenoble, France
- D. Hoffmann, Grenoble, France
- A. Kistner, Grenoble, France
- J.F. Lebas, Grenoble, France
- E. Lhommée, Grenoble, France
- P. Pelissier, Grenoble, France
- B. Piallat, Grenoble, France
- E. Schmitt, Grenoble, France
- M.C. Zannoni, Grenoble, France

General Management:

- P. Pelissier, Grenoble, France
- Insight-Outside

Under the patronage of:



The Movement Disorder Society

Program

Sunday - September 8, 2013

- Venue:** Museum of Modern Arts, Grenoble
- 18.30-22.30:** Opening ceremony
- 18.30-19.30:** Congress registration. Drinks will be served
- 20.00-21.00:** Opening remarks
- 20.00-20.10:** Prof. AL. Benabid and Prof. P. Pollak
- 20.10-20.15:** Mr. J. Safar, representative of Mr. M. Destot,
Deputy and Mayor of Grenoble
- 20.15-20.20:** Ms. G. Fioraso, Minister of Higher Education and Research
- 20.20-20.25:** Mr. J. Debeaupuis, Director of DGOS, Ministry of Health (TBC)
- 20.25-20.30:** Prof. P. Levy, President of the Joseph Fourier University
- 20.30-20.35:** Prof. J.P. Romanet, Dean of the Faculty of Medicine,
Joseph Fourier University
- 20.35-20.40:** Ms. J. Hubert, Director of the University Hospital of Grenoble
- 20.40-21.00:** Discussions
- 21.00-22.30:** Informal meeting and discussions
Drinks and meal will be served

Monday - September 9, 2013

- Venue:** MINATEC, Grenoble
- 7:30:** Registration for late arrivals
- 8:00-8:15:** Welcome (P. Krack., E. Moro, S. Chabardes)
- 8:15-9:00:** ***History of DBS in Grenoble (Chairmen: AL. Benabid, P. Pollak)***
The saga of the Grenoble DBS adventure (M. Hariz)
- 9:00-12:00:** ***Parkinson's disease: Controversies in DBS***
(Chairmen: B.P. Bejjani, N. Hattori, J. Regis)
- 9:00-9:30:** Early vs. late DBS (G. Deuschl vs. P. Pollak)
- 9:30-10:00:** STN vs. GPi DBS (H. Bronte-Stewart vs. M. Okun)
- ***** ***BREAK (30 min)***
- 10:30-11:00:** Non-motor symptoms and DBS (S. Thobois)
- 11:00-12:00:** ROUND TABLE with the speakers and chairs: Issues with DBS in Parkinson's disease (Moderators: Y. Agid, AE Lang, P. Starr)
- ***** ***LUNCH (90 min)***
- 13:30-16:00:** ***DBS in Dystonia and Tremor (Chairpersons: J. Krauss, E. Moro, P. Silburn)***
- 13:30-13:50:** Primary dystonia and DBS (M. Vidailhet)
- 13:50-14:10:** Secondary dystonia and DBS (J. Volkmann)
- 14:10- 14:30:** DBS in children with dystonia (P. Coubes)
- 14:30-14:50:** Tremor and DBS (P. Limousin)
- 14:50-16:00:** ROUND TABLE with the speakers and chairs: New horizons in movement disorders and DBS (Moderators: A. Lees, G. Deuschl, J. Obeso)
- ***** ***BREAK (30 min)***
- 16:30-19:00:** ***DBS in Psychiatry (Chairpersons: T. Bougerol, V. Visser-Vandewalle, S. Blond)***
- 16:30-17:00:** Depression and subgenual cingulate (H. Mayberg)
- 17:00-17:20:** Depression and medial forebrain bundle (V.A. Coenen)
- 17:20-17:40:** OCD: anterior capsule / ventral striatum (B. Nuttin)
- 17:40-18:00:** OCD: subthalamic nucleus (M. Polosan)
- 18:00-19:00:** ROUND TABLE with the speakers and chairs: Where do we stand in psychiatry and DBS today? (Moderators: D. Denys, M. Hariz, L. Mallet)

Tuesday - September 10, 2013

Venue: MINATEC, Grenoble

8:00-9:00: ***DBS: Neurophysiology and Imaging***
(Chairmen: H. Bergman, R. Melvill, M. Savasta)

8:00-8:20: Mechanisms of action of DBS (A. Benazzouz)

8:20-8:40: Local field potentials and DBS (P. Brown)

8:40-9:00: Brain imaging and DBS (N. Pavese)

9:00- 12:50: ***New frontiers in Neuromodulation***
(Chairmen: A.M. Lozano, Y. Li, B. Piallat)
This session sponsored by Medtronic International

9:00-9:20: Brain Radio in DBS for epilepsy (S. Chabardes)

9:20-9:40: Closed-loop stimulation (H. Bergman)

******* ***BREAK (40 min)***

10:20-10:40: Interventional MRI (P. Starr)

10:40-11:00: Brain computer interfaces (AL. Benabid)

11:00-11:20: Optogenetics (S. Palfi)

11:20-12:50: ROUND TABLE with the speakers and chairmen
(Moderators: M. Hariz, A.E. Lang, A.M. Lozano)

******* ***LUNCH (90 min)***

14:00- 15:00: ***New DBS indications***
(Chairpersons: S. Chabardes, P. Krack, E. Moro)

14:00-14:30: The future of DBS from a neurosurgeon's point of view (A.M. Lozano)

14:30-15:00: The future of DBS from a neurologist's point of view (J. Obeso)

15:00-15:30: *Closing remarks*

