

Events and projects
Supported or organized
by the ENP
2007 - 2010



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Scientific events

Organized by the ENP

2007

« **ENP Days 2007** », December, 1st 2007, Hôtel Concorde Montparnasse, Paris. 57 participants (ENP team leaders, and ENP PhD students) - 13 speakers.

2008

« **Neuroscience for the XXIst century** » - **Inaugural symposium of ENP & NeRF**, (in collaboration with the Région Ile de France and the Ministère de l'Education et de la Recherche). May, 26th 2008, amphithéâtre Marguerite de Navarre, Collège de France, Paris. More than 400 participants. 8 international speakers invited.

« **Mathematics in Neuroscience** », June 10th 2008, Ecole Nationale Supérieure de Chimie de Paris. In collaboration with « Fondation Sciences Mathématiques de Paris », 187 international participants - 8 speakers.

« **ENP Days 2008** », October 7-8th 2008, Abbaye des Vaulx de Cernay, Cernay-la-Ville, Yvelines. 126 participants (ENP team leaders, and ENP PhD students) – 11 speakers.

2009

« **Summer School: Optical Imaging and Electrophysiological Methods in Neuroscience** », July 1-11th 2009, Centre des Saints-Pères, Univ. Paris-Descartes, Paris. International ENP summer school in collaboration with Prof. David Ogden. 18 students selected - 11 international speakers.

« **ENP Days 2009** », December 7-8th 2009, Hôtel Club Belambra, Dourdan, Essonne. 125 participants (ENP team leaders and ENP PhD students) - 17 speakers.

2010

« **Spring School: Optical Imaging and Electrophysiological Recording in Neuroscience** », April 20th to May 1st 2010, Centre des Saints-Pères, Paris. International ENP Spring School in collaboration with Prof. David Ogden. 19 students selected – 11 international speakers.

« **Joint European PhD program** », June 24th 2010, Institut du Fer à Moulin, Paris. Six Partners: Instituto Gulbekian (Lisbon, Portugal), SISSA (Trieste, Italy), Fondazione Tabor (Milan, Italy), Semmelweis Univ. Medical School (Budapest, San Raffaele del Monte Hungary), Univ. of Edinburgh (United Kingdom), Univ. Autonoma de Madrid (Spain).

« **ENP Days 2010** », September 17-18th 2010, Hôtel Amirauté, Deauville. 150 participants (ENP team leaders and ENP PhD students) - 13 speakers.

Scientific events

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2007

« **Complexity in Neural Network Dynamics** », (Ladislav Tauc's neurobiology conferences), December 13 -14th 2007, Institut de Neurobiologie Alfred Fessard , Gif-sur-Yvette. 250 international participants – 16 speakers.
Organizers: Y. Frégnac, A. Destexhe and T. Bal (UNIC, CNRS).

2008

« **MEG: new Images of Brain Dynamics** », December 10-12th 2008, Groupe Hospitalier Pitié-Salpêtrière, Paris. 100 participants – 22 international speakers.
Organizers: S. Dehaene and L. Garnero (ENP).

2009

« **Model systems in Neuroscience: What the nose can tell us about the Brain** », June 8th 2009, Centre des Cordeliers UPMC, Paris. 100 participants – 13 international speakers.
Organizers: A. Trembleau (ENP) and S. Firestein (Columbia Univ., USA).

« **Euroglia 2009: The IXth European Meeting on Glial Cells in Health and Disease 2009** », September 8-12th 2009, Centre des Saints-pères, Paris. In the context of this conference, the ENP supported a high level formation day in collaboration with « French Glial Cell club », H. Chneiweiss and A. Baron (ENP).

« **The 7th Paris area computational neuroscience day: Synaptic plasticity: from receptors to networks** », December 14th 2009, Centre des Saints-pères, Paris. Around 50 participants – 10 international speakers.
Organizers: N. Brunel (ENP), D. Hansel (ENP) and D. Holcman.

2010

« **Brain Awareness Week** », March 15-21st 2010, Cité Internationale Universitaire, Paris. Organizers: European Dana Alliance for the Brain, Fédération pour la Recherche sur le Cerveau, Société des Neurosciences.

« **All around the Neurosciences** », March 13th 2010, Paris. Organizers: Aviesan, Fédération pour la Recherche sur le Cerveau, Société des Neurosciences.

Scientific events

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2010

« **Cognitive Sciences Forum (FSC 2010)** », March 22nd 2010, Cité Universitaire, Paris. National and international speakers from the academic and the industrial world. Organized every year since 1998 by Cognitive sciences students.

« **Imaging Brain Plasticity and Development** », April 1st - 2nd 2010, Hôtel de Massa, Paris. Around 100 participants - 30 international speakers. Organizers: J.L. Martinot (ENP) and S. Frangou.

« **The 8th Computational Neuroscience Day - Computational Approaches to Cognitive Function** », April 30th 2010, Ecole Normale Supérieure, Paris. Around 80 participants. Organizers: B. Gutkin (ENP), C. Machens, E. Koechlin (ENP), M. Pessiglione (ENP).

« **Biosensors and Dynamic Imaging** », May 20th 2010, Museum d'Histoire Naturelle, Paris. 310 participants. Five international speakers whom Pr Roger Y. Tsien, the 2008 Chemistry Nobel prize, who presented his pioneering work in this domain. Organizers: P. Vincent (ENP), L. Bridal and H. Benali.

« **Translational research meeting** », June 3rd-4th 2010, MIRCen, CEA, Fontenay-aux-Roses. 75 participants, 15 speakers. Organizer: S. Guigon (ENP, MIRCen).

« **15th Annual meeting of the International Society for the History of the Neurosciences** », June 15-19th. ENS & Pitié - Salpêtrière, Paris. ENP support the neuroscience history session, June 18th. 140 participants. Organizers: J-G Barbara and a scientific committee composed of 12 members.

« **ENP Stem Cells Meeting** », June 17-19th 2010, Abbaye des Vaulx de Cernay, Cernay-la-Ville, Yvelines. 120 international academic and industrial researchers. Organizers: B. Nait-Oumesnar, K. Nguyen Ba Charvet, C. Parras and A. Ypsilanti (ENP).

« **24th Attention and Performance Symposium on Space, Time and Number** », July 6-10th 2010, Abbaye des Vaulx de Cernay, Cernay-la-Ville, Yvelines. Around 65 international participants (open to ENP students). Organizers: S. Dehaene (ENP) and E. Barnnon (Duke University, USA).

Scientific events

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2010

« **Towards translational research in motoneurons** », July 9 - 13th 2010, Centre des Saints Pères, Paris. 180 international participants.
Organizers: C. Meunier (ENP), D. Dubayle and B. Lamotte d'Incamps (ENP).

« **40th Annual Neuroscience 2010** » 13-17th November 2010, San Diego, USA.
=> November, 15th 2010

In the context of this international event, A. Chédotal (*Institut de la Vision, Paris*) organized: « **A la rencontre des Neurosciences françaises** ».

Committee of organization: J.A. Girault (*ENP, Institut du Fer à Moulin, Paris*), M. Guyader (*Consulat Général de France, Los Angeles*), S. Oliet (*Société des Neurosciences, Institut Magendie, Bordeaux*), M. Kandaroun (*ENP, Paris*).

Participants: 24 institutes or centers from Paris and metropole.

This event was supported by «Neuropôle Ile de France», «Société des Neurosciences» and the «Fédération pour la Recherche sur le Cerveau».

«**The 1st French-British Conference on Visual Perception** », December 16-17th 2010, Centre des Saints Pères, Paris. Around 200 participants - 29 speakers.
Organizers: A. Gorea (ENP) in the context of a collaboration between the Applied Vision Association (UK) and the GDR Vision (CNRS, France).

« **Nuit Blanche** », October 2nd 2010, Centre des Saints Pères, Paris Descartes Université, Paris. In the context of this event, Inserm, Paris Descartes University supported by the Casden and ENP, organized the project «*Même pas mal*», performed by Bruno Contensou.

Collaborative projects supported by the ENP

2008

Super resolution fluorescence microscopy (STED)

V. Emiliani, Wavefront-engineering Microscopy. Centre des Saints-Pères, Paris.
Univ. Paris Descartes - INSERM - CNRS - 9 research groups

Functional fibered fluorescence microscopy to study signaling in striatal neurons *In vivo*

D. Hervé, Neurotransmission and Signaling. Institut du Fer à Moulin, Paris. INSERM - UPMC
3 research groups

How motor effectors integrate expected rewards: a functional neuroimaging study of dopamine-related disorders

M. Pessiglione, Motivation, Brain & Behaviour. GH Pitié-Salpêtrière, Paris. INSERM
5 research groups

Nuclei Park: High field MR imaging in parkinsonian syndromes

C. Poupon / M. Vidailhet, Movement disorders & basal ganglia: physiopathology and experimental therapeutics. Neurospin, Gif-sur-Yvette. INSERM - UPMC - CNRS
3 research groups

Neural stem cells in the developing and adult brain

P-M. Lledo, Perception and Memory. Institut Pasteur, Paris. CNRS - Institut Pasteur
10 research groups

Mouse phenotyping

L. Rondi-Reig, Navigation, Memory and Aging. Campus de Jussieu, Paris. UPMC - INSERM
15 research groups

2009

Experimental and theoretical analysis of functional dendritic dynamics in *In vivo* visual cortex

D. Di Gregorio, Synaptic Function and Optical Methods. Centre des Saints-Pères, Paris. CNRS
4 research groups

Exploration of brain activity using combined EEG and fMRI

E. Koechlin, Cognitive Neuroscience. Ecole Normale Supérieure, Paris. UPMC - INSERM
4 research groups

2010

ENP Network for Viral Transfer

B. Lambollez, Thalamo-cortical Networks. Campus de Jussieu, Paris. UPMC - INSERM
18 research groups

The program stopped in 2010

What is the Paris School of Neuroscience (ENP)?

The Paris School of Neuroscience (ENP) is a network of excellence in the Paris region. The objective of the ENP is to increase the synergy of Neuroscience labs in the Paris area and their international visibility. The ENP network comprises more than 90 research groups. The ENP is run by a Director, a Board of Trustees, a Steering Committee, and a Scientific Advisory Board.

The ENP was created in 2007 by the Ministry of Research as a private foundation with a total capital close to 18 M€. Founders are CEA, CNRS, Inserm, and two universities: UPMC, and Paris-Sud 11. Paris-Descartes University is a partner since 2008.

What are the ENP goals?

- Enhance the international visibility of the Paris region in the Neuroscience research.
- Promote the synergy between research groups, universities and institutes in the Paris area.
- Support frontiers research and multidisciplinary approaches.
- Enhance the international exchange of knowledge.

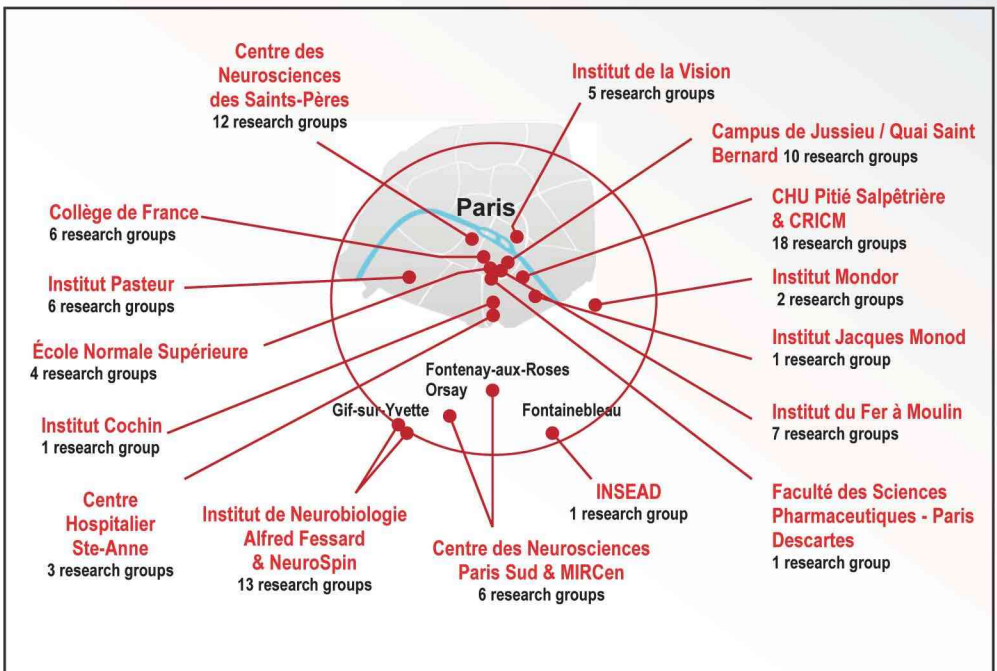
Since 2007 the ENP has launched several programs:

- PhD program open to international outstanding students (33 selected students).
- Chairs of Excellence: four start-up supports for young group leaders arriving in the Paris region
- Eight Sabbatical stays of international scientists in ENP labs.
- 16 short supports for postdocs.

The ENP also funds collaborative research programs between ENP groups, and participates in the organization of symposia, conferences, workshops, and thematic schools.

All these actions aim to promote the Neuroscience research at the highest level by fostering international exchange and multidisciplinary research.

A regional network devoted to Neuroscience & multidisciplinary research centers across the Paris area



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