

ENP ACTIVITY REPORT 2013 - 2019

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The École des Neurosciences de Paris Île-de-France (ENP)

The ENP is a non-profit private foundation created in 2007 by the Ministry of Research and Higher Education.

The institution is devoted to the development, promotion and outreach of neuroscience research through dedicated programs – Scientific events, Invited scientists, Starting grant, International internship and Graduate program.

Founders

Three research agencies: CEA, CNRS, Inserm and two universities: Sorbonne Université and Paris Sud university, and in 2008 the Paris Descartes university.

The Network

In 2018-2019, the ENP gathers a network of 110 teams located in 23 research centers of the Paris region.

Please refer to the 2007-2012 Activity report to see the list of teams and research centers.

6 multidisciplinary main research themes

Neurogenetics/ neurodevelopment	Neurophysiology/ systems neuroscience
Neuropharmacology/ cell signaling	Neurological and psychiatric diseases
Cognitive neuroscience/ neuropsychology	Computational neurosciences/ neural theory

Strategy

- Developing ENP international training and guest professor invitations, by way of new national and international partnerships :
 - Centro Estudios Científicos Santiago (Chile)
 - Ludwig Maximilians University, Munich (Germany)
- Supporting synergy and multidisciplinary between teams by fostering scientific meetings on innovative topics
- Promoting neuroscience laboratories locally and supporting events aimed at the general public
- Generating collaborations between academic neuroscience research and businesses

Governance

The ENP is managed by several committees.

Please refer to the 2007-2012 Activity report to see the preceding members.

The Board of Trustees takes legal decisions and manages finances.

Chair: Alain Bravo. **Honorary Presidents:** Bernard Esambert, François Ailleret.

20 members representing founders and partners : CNRS, CEA, Inserm, Sorbonne université, Paris Sud University, Paris Descartes University, one representative of researchers and professors, one representative of the entrepreneurial world, one representative of the Paris Education Authority, and one representative of the Île-de-France Region.

The Steering Committee evaluates and takes decisions on programs' scientific contents.

Director: Serge Charpak.

12 ENP team leaders of complementary expertise.

Gilles Bonvento – Institut de Biologie François Jacob, CEA

Serge Charpak - Institut de la Vision – Inserm/UPMC

Alain Chedotal – Institut de la Vision – Inserm/UPMC

Alain Destexhe - UNIC - CNRS

Alexandra Durr - ICM- AP-HP

Philippe Faure - Neurosciences Paris Seine, IBPS - UPMC

Fiona Francis - de du Fer à Moulin - Inserm

Thierry Galli – Institut Psychiatrie et Neurosciences de Paris – Inserm, Paris Descartes (ex CPN)

Catherine Tallon-Baudry - ENS - Inserm / UPMC / CNRS

Laurent Venance - CIRB Collège de France - CNRS

Philippe Vernier - NeuroPSI Paris Saclay - CNRS

Bernard Zalc - ICM – Inserm/UPMC

The Scientific Advisory Board provides evaluation of new teams and applications, and advice on scientific approaches. It is composed by 9 eminent scientists from international research centers.

Pascal Fries - Ernst Strüngmann Inst. for Neuroscience in coop. Max Planck Society, Frankfurt, Germany

Benedikt Grothe - Max Planck Institute of Neurobiology, Ludwig-Maximilians University, Munich, Germany

Michael Hausser - Wolfson Institute for Biomedical Research, University College of London, England

Gilles Laurent - Max Planck Institute for Brain Research, Frankfurt, Germany

Andreas Luthi - Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland

Michela Matteoli - Dept of Biotechnology and Translational Medicine, University of Milano, Italy

Maria-Grazia Spillantini - Department of Clinical Neurosciences, University of Cambridge, UK

Frank S. Walsh - University science Center, Philadelphia, USA.

Peter Hagoort - Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands

The Administrative Team implements actions in finances, communication, and graduate program management.

General Secretary: Yvette Hénin, and full-time employees.

ENP Programs

The ENP support programs are meant to help the affiliated teams of the network.

Since 2007, ENP has launched, recruited and / or supported:

- 22 **Invited international scientists** hosted by ENP teams.
- 161 **Scientific events** supported and/or organized by ENP.
- 5 **Starting Grant**: start-up support for young group leaders.
- 32 **Post-Docs** received short-term support.
- 74 **Graduate students**, now 40 Alumni.
- 24 **International Interns**

Since 2013, ENP members published approximately 575 papers/year in international peer-reviewed journals, 16% of which in journals with impact factor >5.

See detailed results in the 2007-2012 Activity Report.

Applications to programs 1 to 4 ought to be made by ENP team leaders.

1 Invited Scientists

- Sabbatical stays of 3-6 months
- Call open all year round, no deadline
- Flexible financial support
- Selection by Steering committee based on the CV of candidate and scientific program

2 Scientific Events

- Helping ENP teams to meet, create and maintain multidisciplinary exchanges
- Supporting multidisciplinary responding to an increasing need for sponsorship
- Contributing to national and international collaborations
- One call per year
- Selection by Steering committee

3 Starting Grant

- Support for incoming outstanding young researchers
- Call open all year round, no deadline
- 2 steps: 1. Initial selection by a research center director
2. Application transmitted by an ENP team leader of the aforementioned center
- Selection by Steering committee and Board of Trustees
- Financial Support for up to 350 K€

4 Post Docs

- Buffer solution to cover salary expenses for a limited period of time, up to 6 months.
- Call open all year round, no deadline
- Selection by Steering committee

5 Graduate Program

- A 4-year program open to all students having obtained their last degree outside France
- Working language : English
- One call per year
- A 4 - year ENP global package of 150 K €
- Selection by a committee of ENP researchers

6 Interns

- An introduction to neuroscience for undergraduate students
- Hosting international students in Paris for up to 6 months
- Exclusively with academic international partners
- Initial selection by local committee

ENP Graduate Program

The ENP Graduate Program is the lead action of the ENP. With about 500 applications / year and only a few recruitments, it is a selective program with competitive students' benefits and high-level resources.

Graduate Program Directors manage the interviews and recruitment process with a board of experts and a dedicated assistant.

Since 2008, 74 **students** have been recruited to the ENP Graduate Program.

In 2018, 45 **theses** already defended

2017 Students

Fanny EGGELER, Ruprecht-Karls-University Heidelberg, Germany.
Akindé LAWRENCE, University of Amsterdam, Netherlands.
Shayan MOGHIMYFIROOZABAD, Baha'i Institute for Higher Education, Iran.
Alejandro URIBE, University of Antioquia, Colombia.
Cansu YILDIRIM, Ecole Polytechnique Fédérale de Lausanne, Switzerland.

2016 Students

Manuel BEIRAN AMIGO, Humboldt University of Berlin, Germany
Dmitri BRYZGALOV, Lomonosov Moscow State University, Russia
Sadiyah CASSIM, University of KwaZulu-Natal, South Africa
Eduarda DEMORI SUSIN, Federal University of Rio Grande do Sul, Brazil
Elaine ORENDORFF, Loyola University Chicago, USA
Gianluca SESSO, University of Pisa, Italy¹

2015 Students

Damiano AZZALINI, CIMEC, University of Trento, Italy
Sarah GOETHALS, Université Libre de Bruxelles, Belgium
Margot ROELL, University of Bath, United Kingdom
Bryon SILVA, Pontifical Catholic University of Chile, Chile
Mingyue WU, Institute of Neurocience, Shanghai Institutes for Biological Sciences
Chinese Academy of Sciences, China

2014 Students

Bence BAGO, University of Edinburgh, Scotland
Sebastian CEBALLO, Universidad austral de Chile, Chile
Cristina DONATO, Università degli studi di Genova, Italy
Alessandra GALLO, Sapienza University of Rome, Italy
Jimmy OLUSAKIN, University of Ibadan, Nigeria
Soham SAHA, Homi Bhabha National Institute, India
Katarzyna SIUDA-KRZYWICKA, Jagiellonian University, Poland
Arturo TORRES HERRAEZ, Universidad Autónoma de Madrid, Spain
Ana UZQUIANO, King's College London, United Kingdom

¹ Left the program in Year 1 before the Y2-4 Evaluation

2013 Students

Maria Julia CARBAJAL, University of Buenos Aires, Argentina
Hannah METZLER, University of Vienna, Austria
Anna PTUKHA, Moscow Institute of Physics and Technology, Russia
Ralitsa TODOROVA, University of Edinburgh, Scotland

Please refer to the 2007-2012 Activity report to see the list of prior students.

Statistics

Total of students **74**
33 different nationalities.
Gender 64% Female / 36% Male

In 2012, the ENP Graduate Program was opened to collaborators and co-financers



Heike BLOCKUS, "Role of axon guidance molecules " (A. Chedotal), Institut de la Vision.



Flora BOUCHACOURT, "Dynamical neural theory group" (B. Gutkin), École Normale Supérieure.

Sebastian CEBALLO, "Cortical Dynamics and Multisensory Processing" (B. Bathellier), UNIC.

Shauna KATZ, "Zebrafish Neurogenetics" (L. Bally-Cuif), Institut de Neurobiologie Alfred Fessard.

Hannah METZLER, "Social Cognition Group" (J. Grèzes), École Normale Supérieure.

Sabah MOZAFARI, "Molecular and cellular approaches of myelin repair" (B. Nait Oumesmar and A. Baron-Van Evercooren), ICM.

Anna PTUKHA, "Vision Group" (P. Mamassian), École Normale Supérieure.

Margot ROELL, "Laboratoire de Psychologie du Développement et de l'Éducation de l'enfant (LaPsyDÉ)" (O.Houdé), Institut de Psychologie de Paris Descartes.

Maria TELENCZUK, "Cortex et épilepsie" (R. Miles), ICM/ (R. Brette) Institut de la Vision.



Ralitsa TODOROVA, "Spatial Memory and Navigation" (M. Zugaro), Collège de France.



Marie Louise DONGELMANS, "Neurophysiology and behaviors" (Ph. Faure), Neuroscience Paris Seine.

Jimmy OLUSAKIN, "Developmental mechanisms of brain disorders" (P. Gaspar and Ch. Métin), Institut du Fer à Moulin.

And external financers



Jenna STERNBERG, "Lights-on Locomotion: optogenetic dissection of spinal circuits underlying locomotion in Vertebrates " (C. Wyart), ICM.



Andrea TINTERRI, "Brain development and plasticity" (S. Garel) École Normale Supérieure.



Lauriane HARRINGTON, "Integrative neurobiology of cholinergic systems" (U. Maskos) Institut Pasteur.



Mariana RAMOS-BROSSIER, "Genetics and physiopathology of neurodevelopmental disorders" (P. Billuart & J. Chelly), Institut de Recherche Biomédicale Cochin.



Darinka TRÜBUTSCHEK, "Consciousness, Number Processing, Reading", (S. Dehaene), Inserm-CEA Cognitive Neuroimaging Unit.

Arakaki TAKAFUMI, "The interplay between feedback loops and striatal feedforward inhibition in the normal and pathological dynamics of the basal ganglia-thalamo-cortical network", (D. Hansel), Fédération de Recherche en Neurosciences.

ALUMNI

Since 2011, 45 ENP students obtained their graduate in Neuroscience from our partner universities.

Please refer to the 2007-2012 Activity report to see the list of the 5 starting grants allocated.

Overview of the professional profiles of Alumni:

- **27 Alumni stayed in Europe: 18 Post docs, 9 tenured positions**
- **15 Alumni are in the Americas: 12 Postdocs, 3 tenured positions**
- **2 Alumni are in Asia, 2 tenured positions**

1 unknown

Starting Grant

The Starting Grant program's ambition is to attract and support international scientists to allow them to develop their research project freely and set up their team rapidly.

Please refer to the 2007-2012 Activity report to see the list of the 5 starting grants allocated.

Interns

International Collaboration with Chile

The aim of this collaboration is to offer Chilean students the opportunity to discover the neuroscience research throughout internships in teams affiliated to the ENP network, the ENP Graduate Program and doctoral schools of the Paris' region.

An agreement with the Centro de Estudios Científicos (CECs) headed by Dr Felipe Barros was signed in 2014.

2016-17

Natalia BEIZA (Biological Sciences, University of Chile) hosted by Filippo Del Bene, team: "Neuronal circuit Development Group".

Maria GAETE (Biochemistry, University of Chile) hosted by Serge Laroche, team: "Cellular and Molecular Mechanisms of Plasticity and Memory".

Marcela OVANDO (Neuroscience, Catholic University of Valparaiso) hosted by Richard Lévy, team: "FRONTlab: the frontal systems, functions and dysfunctions".

Vicente TIZNADO (Biochemistry, Pontifical Catholic University of Chile) hosted by Angelo Arleo, team: "Aging in vision and action".

Josefa VIAL (Biology, Pontifical Catholic University of Chile) hosted by Jean Livet, team: "Development of neuronal circuits".

2015-16

Alexandra GARCIA (Biochemistry, University of Chile) hosted by Jocelyne Caboche, team: "Neuronal signaling and gene regulation", Neuroscience Paris Seine.

Pamela GARRIDO (Biochemistry, Austral University of Chile) hosted by Etienne Audinat, team: "Neuron-Glia Interactions", Fédération de Recherche en Neurosciences .

Vicente MEDEL (Philosophy, University of Chile) hosted by Alain Destexhe, team: "Computational Neuroscience", UNIC.

Daniela MOLINA (Biochemistry, Pontifical Catholic University of Chile) hosted by Gilles Bonvento, team: "Cell-cell interactions in neurodegenerative diseases", Mircen.

Roxana URETA (Biochemistry, Pontifical Catholic University of Chile) hosted by Laure Rondi Reig, team: "Cerebellum, Navigation and Memory ", Neuroscience Paris Seine.

2014-15

Diego CANDIA (Civil Engineering and Biotechnology, University of Chile) hosted by Catherine Tallon Baudry, team: "Visual Cognition Group", ENS.

Javier PALMA (Electric Engineering, University of Santiago) hosted by Serge Picaud, team: "Retinal information processing: pharmacology and pathologies", Institut de la Vision.

Susana PAREDES (Engineering in Biotechnology, University of Chile) hosted by German Sumbre, team: "Neuroethology of the Zebrafish", IBENS.

Estefani SAINT-JOUR (Biochemistry, Catholic University of Valparaiso) hosted by Jocelyne Caboche, team: "Neuronal signaling and gene regulation", Neuroscience Paris Seine.

Bryon SILVA (Biochemistry, Catholic University of Chile) hosted by Thomas Prémat, team: "Genes and dynamics of memory systems", ESPCI Paris Tech.

Among the 15 trainees, 5 were recruited in France by ENP teams.

- Natalia BEIZA has been recruited **in Volker Bormuth's** team (Laboratoire Jean Perrin) as **research engineer**.
- Diego CANDIA has been recruited in **Catherine Tallon Baudry's** team (Ecole Normale Supérieure) as **research engineer**.
- Marcela OVANDO has been recruited in **Richard Lévy's** team (ICM) as **PhD student**.
- Estefani SAINT-JOUR has been recruited in **Jocelyne Caboche's** team (Institut de Biologie Paris Seine) as **PhD student**.
- Bryon SILVA has been recruited through the **ENP Graduate Program** in **Thomas Prémat's** team (ESPCI Paris Tech) as **PhD student**.

Invited Scientists

The Invited Scientists program strengthens collaborations between ENP teams and renowned international scientists.

Please refer to the 2007-2012 Activity report to see the list of prior invited scientists.

2019

Christopher Lapish (Department of psychology University of British Columbia) for 3 months,
"Group for Neural Theory" , Boris Gutkin, LNC-ENS, Paris.

2018

Nicholas Priebe (Department Neuroscience University Texas , Austin) for 5 months,
"Glia-Glia and Glia-neuron interactions group », Cendra Aghulon at Université Paris Descartes, Paris.

William H. Seiple (School of Medicine New York University) for one month,
« Aging in Vision », Angelo Arléo, Institut de la Vision, Paris

Manolis Fanto (Institute Of Psychiatry, Psychology & Neuroscience, King's College, London) for 4 months,
« Bases moléculaires, physiopathologie et traitement des maladies neurodégénératives », Alexis Brice, ICM, Paris.

2016

Gilad Barnea (Division of Biology and Medicine, Brown University, New York) for 6 months,
"Neural circuits and behaviour" Alexander Fleischmann at the CIRB, Collège de France

2015

Oliver Griesbeck (Dept. Systems and Computational Neurobiology, Max-Planck Institute of Neurobiology, Munich) for 3 months,
"Cellular Integration of Neuromodulatory Processes" Pierre Vincent at the Institut de Biologie Paris Seine

Joel Levine (Dept. Neurobiology and Behavior, Associate Dean of Stonybrook University, New York) for 6 months,
Development of oligodendrocytes and neurovascular interactions Bernard Zalc, at ICM

2014

Pierre-Gilles Henry (Center for Magnetic Resonance Research, Minneapolis) for 4 months,
"Normal and abnormal motor control" Stéphane Lehericy at ICM
"Cell-cell interactions in neurodegenerative diseases" Gilles Bonvento at MIRCen

Terri Wood (Dept. Neurology and Neuroscience, Rutgers New Jersey Medical School, Newark, USA) for 9 months,
"Molecular and Cellular approaches of myelin repair" Brahim Nait Oumesmar at ICM

2013

Hongjun Song (John Hopkins University, Baltimore) for 2 months,
"Perception and memory" Pierre Marie Lledo, Genes, Synapses, Cognition at Institut Pasteur

Post Docs

ENP's flexibility gives the opportunity to ENP members to hire young and talented scientists at the very beginning of their career. The ENP Post Doc Program is a short-term solution to cover salary expenses for a limited period: it acts as a buffer before the team receives other grants and long-term support.

2015

Tal Seidel Malkinson (PhD in Cognitive Neuroscience from Hebrew University of Jerusalem, Israel) for 2 months in Paolo Bartolomeo's team "PICNIC Lab Physiological Investigations of Clinically Normal & Impaired Cognition" - ICM

Christina Bergmann (PhD in Cognitive Neuroscience from Radboud University & International Max Planck Research School for Language Sciences, Nijmegen, The Netherlands) for 4 months in Emmanuel Dupoux's team: "Computational Mechanisms of Cognitive Development" - Laboratoire de Sciences Cognitives et Psycholinguistique, ENS

Yashar Ahmadian (PhD in Theoretical Condensed Matter Physics from Columbia University, New York, NY) for 3 months in Carole Levenes and David Hansel's team: "Cerebral Dynamics, Learning and Memory" - Centre de Neurophysique, Physiologie et Pathologie, Fédération de Recherche en Neurosciences, Paris Descartes university.

2014

Michael Graupner (PhD, New York University) for 6 months in Alain Marty's team: "Gabaergic synapses in the cerebellum", Laboratoire de Physiologie Cérébrale – Centre universitaire des Saints Pères Paris Descartes university.

2013

Alessia Usardi (PhD, University of King's College, London, UK) for 6 months in Fekrije Selimi's team: "Mice, Molecule and Synapse formation", CIRB - Collège de France

Kei Yamamoto (PhD, University of Tennessee, Memphis, USA) for 11 months in Philippe Vernier's team: "Development, evolution, plasticity of the nervous system" – INAF Campus de Gif-sur- Yvette

Giselle Cheung (PhD, Universtätsmedizin, Berlin, Germany) for 4 months in Nathalie Rouach's team: "Neuroglial interactions in cerebral physiopathology", CIRB - Collège de France

Lisa Scheunemann (PhD, Freie Universität Berlin, Germany) for 4 months in Thomas Prémat's team: "Gènes et dynamiques des systèmes de mémoire", Laboratoire Plasticité du Cerveau – ESPCI Paris Tech

Please refer to the 2007-2012 Activity report to see the list of prior postdocs.

Scientific Events

Symposia, colloquia, conferences and thematic schools give our members opportunities to contribute to national and international research.

Responding to an increasing need for sponsorship, the ENP meets scientists' requests in supporting their workshops and presence in large international symposia.

2019

Supported by ENP

« **IBPS Summer School on endocrine disrupters** » , August 25th - 31th 2019,
Organizers: Sakina Mhaouty-Kodja - Hervé Chneiweiss - Catherine Viguié, - Jean-Baptiste Fini - Hélène Hardin-Pouzet - Isabelle Tratner.

“**Kick-off meeting of the Paris Hearing Institute (IdA): the biology of perception: hearing and beyond.**”, September 16th – 17th 2019, Institut de l’Audition, Paris.

Organizers: Petit Christine – Chedotal Alain – Bathelier Brice

“**Functional relevance of cerebello- striatal and cerebello-hippocampal pathways : bringing the gap between basic and clinical research.**”, March 14th – 15th 2019, ICM Paris.

Organizers: Vidailhet Marie – Gallea Cecile – Flamand-Roze Emmanuel

2018

Organized by ENP

ENP DAYS 2018, September 19th-21st, Centre de Congrès de l’Aube, Troyes.
9 plenary lectures by international speakers & 3 oral presentations by ENP team leaders.

Supported by ENP

“**Optical Imaging and Electrophysiological Recording in Neuroscience**”, May 14th-25th 2018, Paris
ENP - Q-Life - U. Paris Descartes - ICM - ENS

Organizers: David Ogden, Boris Barbour, Jonathan Bradley, Brandon Stell, Stéphane Dieudonné.
18 Students - 33 Lectures (6 by ENP team leaders)

« **INC Day 2018: Collective Brains** » , October 12th 2018, Université Paris-Descartes, Paris

Organizers : Aghulon Cendra – Bottani Samuel – Meunier Claude – Waszak Florian

“**Understanding neural networks: from dynamics to function**”, December 5th – 7th 2018, ENS Paris

Organizers: Bourdieu Laurent – Léna Clement

« **At the Frontiers of Neuroscience and Psychiatry** » , November 30th 2018 « Institute for Psychiatry and Neuroscience in Paris- IPNP (ex CPN)» , Paris.

Organizer : Thierry Galli

“**From sensory maps to serotonin and development disorders**”, October 19th 2018, ICM, Paris.

Organizers : Girault Jean Antoine – Rebsam Alexandra

2017

Organized by ENP

ENP DAYS 2017, March 22nd-24th, Collège des Bernardins, Paris.

Lectures by Dr Jean-Antoine Girault, Prof. Michela Matteoli, Prof. Pierre Magistretti, Prof. Zoltán Molnár, Prof. Giovanna Mallucci, Prof. Thomas Mrcic-Flogel, and Prof. Suzanna Herculano-Houzel.

New ENP teams conferences. Speakers: G. Debrégeas, V. van Wassenhove, A. Christophe, S. Luquet.

Poster session presented by Graduate Program students, ENP teams and guests. 130 attendees.

Semaine du cerveau, March 13th-19th.

Organizers : European Dana Alliance for the Brain, FRC, Société des Neurosciences. ENP event, March 16th, salle Jean Jaurès, ENS:

" *La Neurobiologie des relations : Comment les influences sociales et biologiques contribuent-elles à construire le cerveau ?*" presented by ENP GP students Hannah Metzler, Sarah Goethals, Margot Roell and Prof. Hugo Cousillas from the Université de Rennes. 220 attendees.

Supported by ENP

"16th Forum des Sciences Cognitives. Expliquer le cerveau comprendre la société", 28th-29th April, Réfectoire des Cordeliers.

Organizer: Student association Cognivence.

"Glial cells at the crossroads of innate immunity and brain functions", 12th-16th June, Roscoff (Britanny).

Organizer: Etienne Audinat.

International ENP Spring School: "ENP-Université Paris Descartes-ENS spring course on Optical Imaging and Electrophysiological Recording in Neuroscience", 12th-24th June, Université Paris Descartes.

Organizers: Boris Barbour, Brandon Stell, Federico Trigo, Stéphane Dieudonné.

Approx. 18 selected students and 40 speakers.

"Immune cells and the central nervous system", 17th-19th August, Château de Cély.

Organizers : Violetta Zujovic, Séverine Boilée.

"Myelin Biology: unraveling functions, mechanisms and therapies", 26th – 29th August, Iles des Embiez.

Organizer: Anne Baron.

"IBPS Summer School on Optical Biosensors", August 27th to September 2^d, Institut de Biologie Paris Seine, Université Pierre et Marie Curie.

Organizer: Pierre Vincent. 12 expected students.

"8th IFM colloquium - (Re)Constructing the nervous system : Stem cells and beyond", 6th October, Institut du Fer à Moulin.

Organizer : Matthias Groszer.

2016

Organized by ENP

ENP DAYS 2016, January 25th -27th 2016, Hôtel Château Saint Just, Belle-Eglise.

Lectures by MG Spillantini, M. Hausser.

New ENP teams conferences. Speakers: F. Bellivier, P. Billuart, Z. Lenkei, R. Brette, and M. Zugaro.

Poster session presented by Graduate Program students and guests. 110 attendees.

Semaine du cerveau, March 14th –20th 2016.

Organizers : European Dana Alliance for the Brain, FRC, Société des Neurosciences. ENP event, March 17th, amphithéâtre R. Garcin de l'Hôpital Sainte Anne:

"Le voyage spatial perturbe-t-il notre horloge interne ? Comprendre notre sommeil pour mieux dormir" presented by François Rouyer (NeuroPSI) and Armelle Rancillac (Collège de France). 118 attendees.

Supported by ENP

"NeWS 2016: conference New concepts in neuronal pattern encoding", January 28th-29th, Imagif.

Organizer: Brice Bathellier. 199 attendees.

"Collective and Emotion", April 14th-15th, Institute for Advanced Studies, Hotel de Lauzun.

Organizers: Julie Grèzes, Guillaume Dezeache, Elisabeth Pacherie, Gretty Mirdal. 56 attendees.

"Forum des Sciences Cognitives", April 9th, Réfectoire des Cordeliers.

Organizer: Student association Cognivence. 3000 visitors.

"6th International Symposium on the Biology of Decision Making (SBDM)", May 30th-June 1st,

Institut du Cerveau et de la Moëlle épinière.

Organizers: Mathias Pessiglione, Mehdi Khamassi, Etienne Koechlin. 70 attendees from 17 countries.

International ENP Spring School: "ENP -Optical Imaging and Electrophysiological methods in Neuroscience", May 9th-16th, Université Paris Descartes.

Organizers: Boris Barbour, Brandon Stell, Federico Trigo, Stéphane Dieudonné.

Approx. 18 selected students and 40 speakers.

"Colloque international sur les Parapésies et les Ataxies", June 23^d-25th, Institut du Cerveau et de la Moëlle épinière.

Organizers: Alexis Brice, Alexandra Durr, Giovanni Stevanin. 230 attendees.

"GABA signaling in the Brain", October 14th, Université Pierre et Marie Curie.

Organizers: Jean-Christophe Poncer, Sabine Lévi, Christine Métin. 221 attendees.

2015

Organized by ENP

ENP DAYS La Clusaz, January 21st-23d 2015, Hôtel Alpen Roc, La Clusaz.

Lectures : "The natural history of spatial hearing" by B. Grothe, "Language from an embrained perspective" by P. Hagoort. Workshops: "Workshop Integrated and Cellular Neurophysiology" Speakers: M. C. Angulo, B.

Bathellier, K. Benchenane." Cognisciences" Speakers: N. George, C. Tallon-Baudry and E. Dupoux.

Poster session presented by Graduate Program students and guests. 99 attendees.

Semaine du cerveau, March 16 – 22nd 2015, Maison des Associations de Solidarité. Organizers : European

Dana Alliance for the Brain, FRC, Société des Neurosciences. ENP event: "Qu'as-tu vu ? Perception, illusions, attention" presented by Anne-Lise Paradis (CNRS) and C. Gilsons (magician). 35 attendees.

Jardins ouverts pour le Neurodon, May 1st-3^d. Organizers : Fédération pour la Recherche sur le Cerveau en partenariat avec la Fondation des Parcs et Jardins de France et la Fondation Georges Truffaut. Participating ENP students : Mariana Ramos-Brossier, Jenna Sternberg, and Juliette Le Douce (Bonvento's team).

Society for Neuroscience annual meeting, October 17th– 21th, Chicago IL
Organizers: Inserm, the Ecole des Neurosciences de Paris Ile de France, Aviesan ITMO Neuroscience, Cognitive Science and Psychiatry, the French Society for Neuroscience, the scientific department of the Embassy of France in the U.S.
Over 700 visitors at the booth "French Neuroscience: from Education to Research".
Over 200 visitors at the ENP booth of the Graduate School Fair

Supported by ENP

"The Brain, beyond neurons", May 11th-12th, Campus des Cordeliers. Organizers : Maria Cecilia Angulo, Etienne Audinat, Serge Charpak. 130 attendees

"Optical Imaging and electrophysiological methods in Neuroscience", June 9th-19th 2015, Paris Descartes University. Organizers: ENP members David Ogden, Boris Barbour and Brandon Stell.
18 selected students

"Association for the scientific study of Consciousness", July 7th-10th, Centre universitaire des Saints-Pères. Organizers: Sid Kouider, Elisabeth Pacherie, Catherine Tallon-Baudry. 500 attendees

"Basal ganglia in Health and Disease", October 2nd, Réfectoire des Cordeliers, Université Pierre et Marie Curie. Organizers : Frank J Meye, Assunta Pelosi and Salvatore Lecca. 164 attendees.

"IBPS Inaugural Symposium", October 14th-16th, Université Pierre et Marie Curie.
Organizers: Hervé Chneiweiss, Michel Labouesse, Bertrand Friguet, Dominique Higuët, Sylvie Schneider-Maunoury, Alessandra Carbone. 250 attendees.

2014

Organized by ENP

Semaine du cerveau, March 10 – 16th 2014, Cité internationale universitaire de Paris & ESPCI Paris Tech.
Organizers : European Dana Alliance for the Brain, FRC, Société des Neurosciences.
ENP events: "Sens à science, musique et olfaction" presented by C. Martin (CNRS) et L. Assoulen (composer, perfume creator) 90 attendees.
"Améliorez vos performances cognitives !" presented by Ph. Faure (Neuroscience Paris Seine) and V. Bercier, M. Dongelmans, J. Fuentealba, S. Mozafari, M. Ramos-Brossier, V. Skvortsova, R. Todorova (ENP Graduate students). 170 attendees.

FENS Forum of Neuroscience, biannual meeting organized by the Federation of European Neuroscience Societies in Milan, July 5th to 9th, booth 83 of the Exhibition Hall of the Milano Congressi.
Over 640 visitors.

Society for Neuroscience annual meeting, November 15 – 19th 2014, Washington DC
Organizers: Inserm, the Ecole des Neurosciences de Paris Ile de France, Aviesan ITMO Neuroscience, Cognitive Science and Psychiatry, the French Society for Neuroscience, the scientific department of the Embassy of France in the U.S.
Over 850 visitors at the "French Neuroscience from Education to Research" booth.
Over 200 visitors at the ENP booth of the Graduate School Fair.

Supported by ENP

"13th Cognitive Science Forum", March 22nd, Couvent des Cordeliers, Paris.

Organizer: Cognivence students' association

Public and specialized conferences, exhibition, movies, workshops.

"4th International Symposium on The Biology of Decision Making", May 13-14th, ICM, Paris.

Organizers : Mathias Pessiglione (Inserm / ICM), Thomas Boraud (CNRS / Univ. Bordeaux 2), Sacha Bourgeois-Gironde (Université d'Aix-Marseille / Institut Jean Nicod), Mehdi Khamassi (CNRS / UPMC)

14 international speakers.

"Multielectrode Systems and Signal Processing for Neuroscience Annual Meeting", October 13-15th, Gif-sur-Yvette.

Organizers : Pierre Meyrand (U. Bordeaux 1), Daniel Shulz (UNIC-CNRS, Gif sur Yvette), Clément Léna (ENS, Paris), Karim Benchenane (ESPCI, Paris), Thomas Boraud (MAC, U Bordeaux 2), Frédéric Chavane (INT, Marseille), Jean-Marc Edeline (CNPS, Orsay), Valérie Ego-Stengel (UNIC-CNRS, Gif sur Yvette), Samuel Garcia (U. Lyon 1), Régis Guillemaud (CEA LETI, Grenoble), Xavier Leinekugel (U. Bordeaux 2), Alexa Riehle (INT, Marseille)

150 participants, including 85 participants to the minischool.

"Emerging Imaging Technologies in Neuroscience. Neuroscience Workshop Saclay (NeWS) ",

December 4-5th, Imagif, Gif-sur-Yvette, sponsoring the lecture of Dr Florian Engert (Harvard)

Organizers: Brice Bathellier (INAF, UNIC), Philippe Vernier (CNRS)

130 participants.

"INC Days : Neurodevelopmental disorders",

December 4th, Salle du Conseil, Paris Descartes University

Organizers : T. Jay and M-O. Krebs (CPN, INSERM - Paris Descartes), J. Gervain (LPP, CNRS – Paris Descartes), P. Gressens (NACD, INSERM - Paris Diderot), C. Meunier (CNPP, CNRS – Paris Descartes).

100 participants.

2013

Organized by ENP

International ENP Spring School: "Optical Imaging and Electrophysiological methods in Neuroscience", June 18 – 28th 2013, Université Paris Descartes.

Organized by Brandon Stell, Federico Trigo, David Ogden (ENP), Stéphane Dieudonné (ENP) et Boris Barbour (ENP).

18 selected students and 41 speakers.

ENP DAYS 2013, September 16 – 17th 2013, Grand Hôtel le Touquet – Paris – Plage.

Lectures by M. Carey, T. Préat.

Workshops: "Nervous System Development". Speakers: L. Bourdieu, J.-F. Brunet, F. Del Bene, V. Chevalyere, L. Maroteaux, and "Pathology" : L. Naccache, C. Lubetzki, J. L. Martinot.

Poster session presented by Graduate Program students and guests.

103 attendees.

Semaine du cerveau, March 11 – 17th 2013, Cité internationale universitaire de Paris & ICM.

Organizers : European Dana Alliance for the Brain, FRC, Société des Neurosciences.

ENP events: "Miam miam ! Odeurs, goûts et plaisir de manger" presented by H. Gurden (CNRS) et B. Beaugé (Food critic), 144 attendees.

"Musique en Tête" presented by H. Blockus, U. L. Böhm, E. Cahill, A. Mohebiany, V. Skvortsova, A. F. Teixeira Borges, D. Trübtschek (ENP Graduate students) and A. Destexhe (CNRS).

170 attendees.

Society for Neuroscience annual meeting, November 9 – 13th 2013, San Diego

Organizers: Inserm, the Ecole des Neurosciences de Paris Ile de France, Aviesan ITMO Neuroscience, Cognitive Science and Psychiatry, the French Society for Neuroscience, the scientific department of the Embassy of France in the U.S.

Over 600 visitors at the "French Neuroscience from Education to Research" booth.

Supported by ENP

Conference on "**Interactions between Space, Time and Number: 20 Years of Research**" on 26th February 2013, Auditorium of Collège de France

Organizers: Stanislas Dehaene (CEA Saclay, Cognitive Neuroimaging Unit), Martin Fischer (University of Postdam, Germany) - Marco Zorzi (University of Padova, Italy) - Samuel Shaki (Ariel University Center, Israel)
450 attendees.

EMBO WORKSHOP: "Semaphorin function and mechanism of action" from 29th to 31st October 2013, Abbaye des Vaux de Cernay

Organizers: Alain Chedotal (Institut de la Vision, "Role of axon guidance molecules"), Alex Kolodkin (John Hopkins School of Medicine, Baltimore, USA) , Jeroen Pasterkamp (University Medical Center, Utrecht, Netherlands)

82 attendees and 16 speakers.

"22nd Annual Computational Neuroscience Meeting CNS 2013" from 13th to 18th July 2013 - Paris Descartes

Organizers: Alain Destexhe (INAF "Oscillatory and stochastic dynamics in thalamo-cortical networks")
Nicolas Brunel - Gianluigi Mongillo (Paris Descartes) and Boris Gutkin (ENS, "Groupe de neurosciences théoriques" GNT)

787 attendees

"Brains and Roses, 2nd International Symposium on Olfaction" from 19th au 20th September 2013, Collège de France

Organizers: Alexander Fleischmann (Collège de France "Neural Circuits and Behaviour") Dr. Andreas Schaefer (Max Planck Institute in Heideberg, Germany) and Mr. Sandeep R. Datta (Harvard University, Boston, USA)
100 attendees.

"International Conference on Spastic Paraglegia and Ataxia" Colloque Spatac from 11th to 13th June 2013, ICM

Organized by Ataxia Study Group Durr, Stevanin, Grassner, Pandolfo
More than 200 attendees.

Please refer to the 2007-2012 Activity report to see the list of prior events.

The ENP Network

Every year, neuroscience teams from all fields are invited to apply and join the ENP network for a four year period.

Every year, a call is issued to invite Neuroscience teams from all fields to apply and join in for a 4 years period.

In 2018-2019, the ENP is composed of a total of 110 teams from 23 research centers.

Please refer to the 2007-2012 Activity report to see the list of research teams.

Collège de France

Centre Interdisciplinaire de Recherche en Biologie UMR 7241–U1050

École Normale Supérieure

Institut de Biologie de l'École Normale Supérieure UMR 8197–U 1024

Laboratoire de Physique Statistique UMR 8550

Laboratoire de Neurosciences Cognitives U 960

Laboratoire de Sciences Cognitives et Psycholinguistique UMR 8554

Laboratoire des Systèmes Perceptifs UMR 8248

ESPCI Paris Tech

Laboratoire de Plasticité du Cerveau UMR 8249

Faculté de Pharmacie de Paris UMRS 1144

Institut du Cerveau et de la Moelle épinière CHU Pitié Salpêtrière UMRS 1127–UMR 7225

Centre de Neuro-Imagerie de Recherche UMRS 1127–UMR 7225

Imagen Service Hospitalier Frédéric Joliot U 1000

Integrative Neuroscience and Cognition Center (INCC) - UMR 8002 - Paris Descartes University

Institut Curie – Centre de recherche

Génétique et Biologie du Développement U 934-UMR 3215

Stress génotoxiques et cancer UMR 3348

Institut de Biologie Paris Seine FR 3631

Neuroscience Paris Seine UMR 8246 U 1130/UPMC UMCR 18

Biological Adaptation and Ageing UMR 8256

Developmental Biology Laboratory UMR 7622

Institut de Myologie

Institut du Fer à Moulin UMRS 839

Institut Mondor de Recherche Biomédicale U 955

Institut Pasteur

Département de Neurosciences UMR 3571

Département de Biologie du Développement & cellules souches

Institut de Psychiatrie et Neurosciences de Paris, IPNP (ex-CPN) - Centre Hospitalier Sainte Anne

Institut de Psychologie Université Paris Descartes U8240

Institut de la Vision - Fondation Voir et Entendre U968 UNMR 7210 UMRS 968

Laboratoire Jean Perrin UMR 8237

Molecular Imaging Research Center (MIRCent)

Laboratoire des Maladies Neurodégénératives UMR 9199

Paris-Saclay Institute of Neuroscience NeuroPSI UMR 9197

Département Développement et Evolution du cerveau

Département Molécules & Circuits

Département Cognition & Comportement

UMR-S 1144 Therapeutic Optimisation in Neuropsychopharmacology

Unit of Neuroscience Information and Complexity UNIC FRE 3693

Unité de Biologie Fonctionnelle et Adaptative BFA UMR 8251

Neurospin U562

Cognitive Neuroimaging Unit



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