

The 2012 edition of ENP DAYS celebrated the 5th year of the Ecole des Neurosciences de Paris' creation. It was held in the inspiring setting of the Abbaye des Vaux de Cernay and gathered about 120 people during 2 exciting days.

ENP Graduate students presented their projects with enthusiasm. Presentations, posters and Blitz talks were particularly appreciated by the audience, and students should be congratulated for being so sharp and creative. Invited guest Damian Wallace, from Jason Kerr's laboratory, gave an interesting outlook on how rodents view the world, with impressive technology to follow movements without disrupting behaviour. New ENP Teams provided a very exciting glimpse of their research, on how neural circuits are built during development (S. Schneider Maunoury, A. Pierani), how they function (A. Fleischmann, A. Bacci), and how they are disrupted in pathology (E. Kabashi). ENP DAYS were concluded by a fascinating investigation on higher cognitive functions, and how they can be modelled both in human and in rodent animal models. New approaches to comprehend how behaviours are controlled were shown: naturalistic behavioural analyses (Ph. Faure), strategies enabling the separation of individual components of behaviour in decision making (S. Granon) and orientation in space (L. Rondi-Reig), and the construction of analytical theoretical frameworks (E. Koechlin), that can be used to interpret complex human pathological conditions (K. N'Diaye).



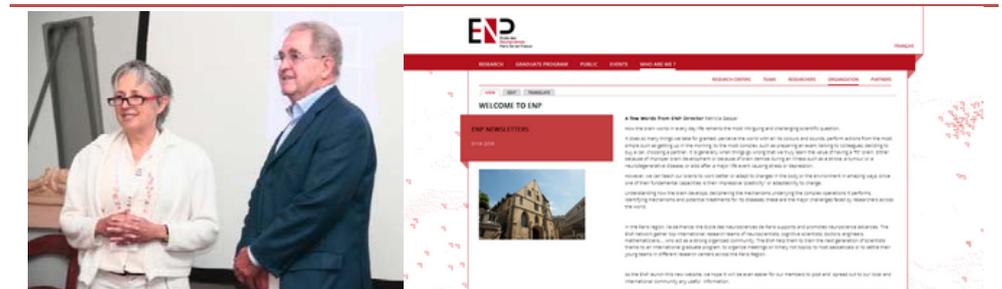
We'd all agree that this year's edition combined excellent science and cheerful company. Until next year !

ENP next steps

President François Ailleret detailed our **fundraising** campaign strategy, stressing out that "the financing of ENP operations in process is guaranteed until their conclusion and (that) we already have the financial means to launch new actions during the next two years", in order to fulfil our "ambition of developing activities, it is imperative to generate new financial resources".

An **overview** of the actions that have been supported by the ENP until 2012, and the ones that ENP will still be able to support in the coming years were detailed by ENP Director Patricia Gaspar.

And ENP Communication manager Deborah Deslierres presented our new **website**, an essential tool to reach a larger national and international audience, and to publicize scientific findings, job offers and events.



ENP International Partnerships

We are building partnerships with universities in Canada and Brazil. Thanks to C. Cuello and A. Mc Kinney, who presented McGill neuroscience program during last ENP DAYS, and to Cecilia Hedin, who presented the Brazilian Society for Neuroscience, we plan to create bridging programs and to initiate soon new international collaborations.



Mrs Hedin & Mrs McKinney



University of Okayama offers research internship opportunities to students in their 3rd year of Medical School, either in Japan or abroad (Sept. 1st -Nov. 29th). This year, ENP helped organize research internships for Japanese Medical School students in our network's labs: Mami Ito and Narumi Kariya are currently in Paris at IFM and Karen Tomimura at ICM lab.

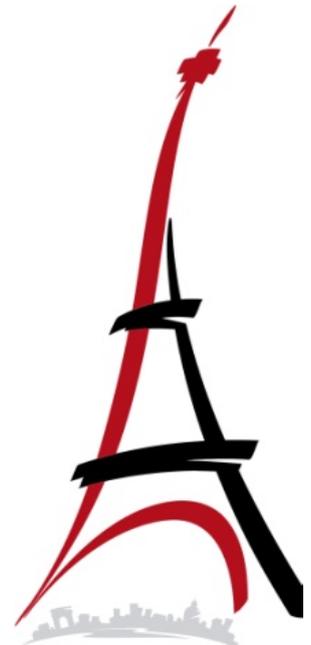
Please let us know by January 2013 whether you would be interested in participating to this collaborative program and host students from Japan next year !

ENP New Teams

Each year a call is issued to join the ENP training network. All teams whose aim is to understand how the brain works can apply. Criteria rely on scientific excellence, training potential and willingness to actively participate in the animation of the network and in training PhD students.

New teams' applications are reviewed by an international and independent Scientific Advisory Board. This year, they reviewed 15 applications, which is a fine tribute *per se* to ENP attractiveness. Barry Everitt, Chair of the SAB, further advised to ask to teams who have been part of the network since its beginnings in 2007-2008 whether they are still engaged and willing to stay active in the ENP network's life.

Last-summer poll showed that teams were overall very satisfied with ENP actions (46 %feedback). The main benefits highlighted were that the Invited Scientists Program and the ENP Graduate Program allow to attract and host highly talented students, to increase teams' visibility, and facilitate collaborations. Let's keep it up !



WARM WELCOME TO 11 NEW ENP TEAMS

Boris BARBOUR Cerebellum Group, IBENS-CNRS-UMR 8197-INSERM U 1024

Laurent BOURDIEU Cortical dynamics and coding mechanisms, IBENS-UMR-CNRS-INSERM-ENS 8197

Jean François BRUNET Formation et évolution des circuits neuronaux, IBENS-CNRS-INSERM-ENS

Vivien CHEVALEYRE Plasticité Synaptique et Réseaux Neuronaux, Paris Descartes, CNRS-UMR 8118

Filippo DEL BENE Neuronal Circuit Development Group, Institut Curie, INSERM U934- CNRS UMR3215

Stéphane DIEUDONNÉ Inhibitory transmission, IBENS-CNRS UMR8197-INSERM U1024

Sonia GAREL Brain development and Plasticity, IBENS-INSERM U1024-CNRS-UMR8197

Luc MAROTEAUX Serotonin and Plasticity, Institut du Fer à Moulin, INSERM-UMR S-839

Jean Pierre NADAL Complex networks and cognitive systems, ENS-CNRS-UMR 8550

Thomas PREAT Genes and Dynamics of Memory Systems, UMR 7637-CNRS-ESPCI

Michel SIMMONEAU Functional Genomics & Psychiatric Diseases, Centre de Psychiatrie & Neuroscience, INSERM U894

CONGRATULATIONS

To **Dr Nima Dehghani** who entered the ENP Graduate Program in September 2008 who successfully defended his thesis in August 2012.



Thesis title: **Electromagnetic signature of human cortical dynamics during wakefulness and sleep.**

University: UPMC
Thesis Supervisor: Alain Destexhe. Nima is now at the Harvard's Wyss Institute in Boston.

To **Dr Sven Collette** who entered the ENP Graduate Program in March 2008 graduated in May.

Thesis title: **Value-based decision making in human prefrontal cortex.**

University: UPMC.
Thesis Supervisor: Etienne Koechlin.

Sven currently holds a Post Doc position at CalTech, Pasadena.



And to **Maja Petkovic** (Galli's team, Membrane Traffic in Neuronal and Epithelial Morphogenesis, Institut J. Monod) who **won 3d prize at the Congrès des Jeunes Chercheurs & Avenir René Decartes**,

among 150 Master, PhD students and post-docs.



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