



Paris School of Neuroscience -Spring School 2012-

Optical Imaging and Electrophysiological Recording in Neuroscience

Tuesday April 17th – Friday April 27th 2012

Université Paris Descartes
45 Rue des Saints Pères, 75006 Paris
www.paris-neuroscience.com

Photophysics and photochemistry of fluorophores, Light sources and lasers for fluorescence excitation, Conventional and confocal microscopy, CCD cameras, Patch clamp and extracellular recording. Multi-electrode arrays. In vivo electrical recording, Data analysis and image analysis, Two-photon confocal and other non-linear microscopy, Fluorescent indicators for calcium and other ions and membrane potential, Adaptive optics in microscopy, Photolysis, Brain slice and In vivo imaging, Viral transfection of genetically encoded markers and indicators.

Fee: 800 Euro including accommodation.

Reduced fee for students who do not require accommodation.

How to Apply:

Applications should be made at the Google link <http://goo.gl/plz2m>

Applications for the full course should include a CV (1-2 page), a description of current research project (5000 character limit) and a letter of recommendation from thesis advisor or lab PI. There are 18 places.

Attendance at the lectures only is also available to all Paris-based students without fee.

Further information is also available at the ENP website www.paris-neuroscience.com.

Deadline for applications is 6 February 2012

FACULTY in 2011 were

Hubert Affolter, Pepe Alcami, Brad Amos, Philippe Ascher, Céline Auger, Boris Barbour, Céline Bidoret, Brice Bohours, Jonathan Bradley, Marco Canepari, Mariano Casado, Vivien Chevalere, John Dempster, Stephane Dieudonne, Valentina Emiliani, Nicola Gervais, Lyle Graham, Guadalupe Astorga, Boris Lamotte d'Incamps, Clément Léna, Felix Leroy, Jean Livet, Isabel Llano, Troy Margrie, Daniel Marinazzo, Alain Marty, Uwe Maskos, Benjamin Mathieu, Gail McConnell, Sheyla Meija, Laurent Moreaux, David Ogden, Martin Oheim, Francisco Palma-Cerda, Reiner Polder, Christophe Pouzat, Ede Rancz, Stefanie Reichelt, Marianne Renner, Adrien Schramm, Eric Schwartz, Brandon Stell, Klaus Suhling, German Szapiro, Martin Thomas, Federico Trigo
Organisers: B.Barbour, S.Charpak, S.Dieudonne, D.Ogden, B. Stell, F.Trigo

