**SUPPORTING DEPARTMENTS**
Biomedical Sciences; Developmental Psychology and Socialization; General Psychology; Information Engineering; Mathematics; Neuroscience; Physics and Astronomy

**STRONG FINANCIAL SUPPORT**
Eleven Ph.D. research projects will be financed for 3 years. This support is made possible through a combination of funds from the PNC and the University of Padova, national grants, and sponsorship of companies.

Attendance to international conferences and meetings is supported by the Programme with additional funding.

**ADMISSION REQUIREMENTS:**
Anyone in possession of a Master's degree with a strong motivation in neuroscience may apply to take part in the selection process.

**DEADLINE FOR APPLICATIONS:**
11th JULY 2018

Padova Neuroscience Center (PNC)
Università degli Studi di Padova
Via Giuseppe Orus, 2 - 35131, Padova (IT)

**FACULTY**
Ettore Ambrosini; Alessandro Angrilli; Angelo Antonini; Alessandra Bertoldo; Patrizia Bisiacchi; Mario Bonato; Mario Bortolozzi; Luigi Bubacco; Annachiara Cagnin; Clara Cascò; Giorgia Cona; Maurizio Corbetta; Domenico D’Avella; Marco Dadda; Marco Dal Maschio; Diego De Stefani; Alessandra Del Felice; Angela Favaro; Livio Finos; Paolo Gallo; Claudio Gentili; Mario Liotti; Ivan Marchionni; Stefano Masiero; Aram Megighian; Massimo Melucci; Simone Messerotti Benvenuti; Daniela Palomba; Giulia Perini (external); Daniela Pietrobon; Carlo Semenza; Gianni Sorarù; Chiara Spironelli; Samir Simon Suweis; Antonino Vallesi; Stefano Vassanelli; Giovanni Zanzotto.

**INTERNATIONAL FACULTY**
Andrea Brovelli, Marseille (FR); Gustavo Deco, Barcelona (ES); Andreas Engel, Hamburg (DE); Rainer Goebel, Maastricht (NL); Dante Mantini, Leuven (BE); Paul Pauli, Würzburg (DE); Michel Thiebaut De Schotten, Paris (FR)

Contact the programme administrator or visit our website for more information:
annamaria.lerose@unipd.it
http://pnc.unipd.it/admission/
REALIZING POTENTIALS

INTERDISCIPLINARY TRAINING

The Ph.D. Programme in Neuroscience at the Padova Neuroscience Center (PNC) brings together more than 40 internationally recognized scientists and clinicians from several academic disciplines. This will:

1) offer superior in-depth, interdisciplinary training and great research opportunities for all students, with research spanning from synapse to behaviour, molecule to disease, and brain to mind;
2) ensure a continuous and focused attention to the development of an individualized curriculum in which more than one supervisor will be involved.

While maintaining the focus on the main interests of the incoming students, the Ph.D. programme will form and train students in all of the five research platforms (cores) within the PNC, each specialized in measuring, modelling, or modulating brain activity at different spatio-temporal scales.

5 RESEARCH PLATFORMS:

- Neuroimaging Methods
- Cellular & System Neuroscience
- Cognitive & Affective Neuroscience
- Translational Neuroscience
- Computational Neuroscience and Modelling

We seek highly motivated and creative students to help us understand how the brain works and how to cure brain diseases

AN INNOVATIVE PH.D. PROGRAMME

The new Ph.D. programme, held in English, has other highly innovative strengths:

1) Emphasis on hands-on research
   Students will rotate in different labs (e.g., engineering, cellular, systems) before starting the research work to sagely choose the final Ph.D. lab;
2) A nurturing environment
   Students will share spaces with faculty, fostering formative interactions. Journal clubs and scientific meetings will be held regularly, involving all Ph.D. students;
3) International scientific collaborations
   The available supervisors all have vast scientific networks and collaborations with prestigious universities around the world;
4) High applicative potential
   PNC has partnerships with industries and companies for the effective application of Neuroscience to real world challenges.

EMPOWERING BRILLIANT MINDS