

FOCUS on CDKL5	Credits: 4
Teachers: Elisabetta Ciani, Stuart Cobb, Bianca Di Filippis, Maurizio Giustetto, Charlotte Kilstrup-Nielsen, Tommaso Pizzorusso, Sila Ultanir	
Location: Auditorium Banca Popolare di Novara, Piazza San Carlo 196	
Dates: 18/11/2016	
<p>Program: This course is based on a workshop on CDKL5 disorder, a severe neurodevelopmental rare disease, open to the participation of both scientists and clinicians. The goal of the meeting is to serve as a forum for exchanging new ideas, experiences and expertise among participants and for igniting the constitution of new collaborative networks working to accelerate the development of therapeutic strategies.</p>	

Cognitive neuroscience robotics	Credits: 6
Teachers: Cristina Becchio	
Location:	
<p>Dates: - 16/05/2017, ore 10-13 aula E - Via Pana, 10- (con la partecipazione dell'Ing. Vadim Tikhanoff, IIT) - 22/05/2017, ore 15-18 aula E - Via Pana, 10- (con la partecipazione della Dott.ssa Caterina Ansuini, IIT) - 29/05/2017, ore 15-18 aula H- Via Pana, 10-</p>	
<p>Program: What are robots useful for? The course will address this question from the perspective of cognitive neuroscience. We will discuss some of the potential uses and limitations of using humanoid robots in cognitive neuroscience research, with a special focus on the connection between humanoid robotics and social cognitive neuroscience.</p>	

Methodology and perspectives in psychiatric research	Credits: 4
Teachers: Silvio Bellino, Paola Rocca	
Location:	
<p>Dates: 21/06/2017, Via Cherasco 11 22/06/2017, Via Cherasco 11</p>	
<p>Program: The course will be focused on main issues concerning design and methods of investigations on clinical and psychopathological characteristics, and on neurobiological correlates of mental disorders. Psychotic disorders and severe personality disorders will be considered in more details. Examples of studies recently performed at the Department of Neuroscience of Turin will be provided and discussed with PhD students.</p>	

The Brain in Extreme Environments	Credits: 8
Teachers: Fabrizio Benedetti	
Location: Plateau Rosà, Breuil-Cervinia	
Dates: Jan-Feb 2017	
<p>Program: This is an on-field and interactive course at the Center for Hypoxia of the Plateau Rosa Laboratories (Italy/Switzerland), located at an altitude of 3500 m. It is aimed at showing the brain responses to an extreme environment such as hypoxia and low temperature. We will show how brain activity and different physiological functions can be monitored in extreme and unusual conditions, such as those occurring in polar expeditions and space exploration. In particular, it will be shown how the four critical life functions (ventilation, oxygenation, circulation, perfusion) are controlled by the brain and by different psychological factors. Both skiers and non-skiers are welcome. The former will participate in outdoor skiing activity, the latter in indoor activity in the labs.</p>	

Neuro-psychology of cognitive impairment in minor and major neurocognitive disorders	Credits: 7
Teachers: Martina Amanzio, Leonardo Lopiano, Innocenzo Rainero	
Location:	
<p>Dates: 06/09/2017, ore 14-16, Via Cherasco 15 (Prof. Rainero) 13/09/2017, ore 14-16 Via Cherasco 15 (Prof. Rainero) 15/09/2017, ore 10-12 Aula Plana D (Prof.ssa Amanzio) 22/09/2017, ore 10-12 Aula Plana D (Prof.ssa Amanzio) 29/09/2017, ore 10-12 Aula Plana D (Prof.ssa Amanzio) 15/09/2017, ore 10-12 Aula Plana D (Prof.ssa Amanzio) 21/09/2017, ore 10-12 Via Cherasco 15 (Prof. Lopiano) 26/09/2017, ore 14-16 Via Cherasco 15 (Prof. Lopiano)</p>	
<p>Program: The course is aimed at:</p> <ul style="list-style-type: none"> - Let students know the neuropsychology of cognitive dysfunctions along a continuum ranging from normal aging, to minor and major neurocognitive disorders. - To provide a thorough neuropsychological knowledge of Mild Cognitive Impairment and cognitive frailty, Alzheimer's Disease, Frontotemporal Lobar Degeneration and Parkinson's Disease. - To present the recent international guidelines to achieve the best diagnostic assessment. - To foster in students skills about the executive dysfunction in reduced awareness of illness using a neurocognitive approach. 	