# FALL SCHOOL IN NEUROSCIENCE

*“The adaptive brain from development to disease”*

September 29th - October 2nd 2015 Baveno (Stresa), Italy

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Tuesday, September 29th 2015

h. 14.30-15.00 Opening
   M. DiLuca, Italy

h. 15.00-16.30 Afternoon session: Decision making
   • G. Pravettoni (Italy): "Decision making under uncertainty: neurobiological and behavioural evidences" - Introduced by: E. Ferri
   • G. Testa (Italy): “Minding the Avatar: Functional Annotation of the Genetic and Epigenetic Basis of Human Cognition” - Introduced by: M. Casati
   • M. Hansson (Sweden): “Neuronal epigenesis, molecular epigenetics and the need of social and psychological data for understanding the role of the environment” – Introduced by: P. Tornese

h. 16.30-17.00 Coffee Break

h. 17.00-18.00 Keynote speaker
   • C. Mulle (France): “Synaptic function in physiology and disease” - Introduced by: L. Alberio

h. 18.00-19.30 Posters display

h. 20.30 Dinner

Wednesday, September 30th 2015

h. 9.30-13.00 Morning session: Development
   • F. Gardoni (Italy): "Role of NMDA receptors in development and synapse maturation” - Introduced by: N. Marchetti
   • C. Bellone (Switzerland): “Shank3 insufficiency uncovers a role of VTA in ASDs” - Introduced by: V. Ferpozzi

h. 11.30-12.00 Coffee Break
   • P. Ciana (Italy): "A dynamic sight on the neurodegenerative process” - Introduced by: G. Pepe

h. 13.00-15.00 Lunch with the speakers

h. 15.00-16.30 Student session (12 oral presentations: 5 minutes each)
   Chairman: C. Sinigaglia (Italy)

h. 16.30-17.00 Coffee Break

h. 17.00- 18.00 Afternoon session: the social brain
   • C. Sinigaglia (Italy): “Minding minds through the looking glass” - Introduced by: F. Della Gatta

h. 18.00-19.30 Poster session

h. 20.30 Dinner
Thursday, October 1st 2015

h. 9.30-13.00  **Morning session: The pathologies**

  • D. Galimberti (Italy): "Genetics and molecular biology of Alzheimer’s disease and Frontotemporal Dementia” - Introduced by: L. Straniero

  • C. Sala (Italy): “Protein translation pathway in regulating neuronal network plasticity” - Introduced by: L. Culotta

h. 11.30-12.00  **Coffee Break**

  • H. Jacobs (Germany): “Imaging Neuroinflammation - Concepts and Future Developments” - Introduced by: V. Carlini

h. 13.00-15.00  **Lunch with the speakers**

h. 15.00-16.30  **Student session** (13 oral presentation: 5 minutes each)

  Chairman: M. Massimini

h. 16.30-17.00  **Coffee Break**

h. 17.00-18.00  **Afternoon session: The conscious brain**

  • M. Massimini (Italy): "Consciousness and brain complexity in sleep, anesthesia and coma” – Introduced by: C.C. Derchi

h. 18.00-19.30  **Poster session**

h. 20.30  **Dinner party**

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Friday October 2nd 2015

h. 9.30-13.00  **Morning session: Transferable skills**

  • D. Di Marino (Switzerland): “Neuroscience from another point of view: what we can learn from computational approaches?” - Introduced by: S. Romano

  • V. Edefonti (Italy): "Statistical methods and pitfalls in data analysis” - Introduced by: L.F. Castelnovo

h. 11.30-12.00  **Coffee Break**

  • Officina H2020 (Italy): “The art of grantsmanship” - Introduced by: S. Pelucchi

  • G. De Luca (Italy): “Writing skills, plagiarism and independent thinking” - Introduced by: M. Samarani

h. 13.30-14.00  **Key challenges in Neuroscience (students think tank)**

  Chairman: M. DiLuca

h 14.00  **Closing remarks**
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News on the Fall School in Neuroscience are available at [http://www.unimi.it/ricerca/strutture/88351.htm](http://www.unimi.it/ricerca/strutture/88351.htm)