The NEURON School 2020
Principles of Computational Neuroscience

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Computational neuroscience has emerged as a crucially important discipline for furthering our understanding of brain function, and is one of the most dynamic and rapidly developing fields in scientific and technological research.

The school aims to provide students with a solid **introduction to neuronal modeling**, teaching the central ideas, methods, and practices of computational neuroscience, through a combination of lectures and hands-on work. During the course's mornings, distinguished international faculty will deliver lectures on selected topics of experimental and computational neuroscience. In the afternoons, students will learn how to use the **NEURON** simulator to create neural models working under the supervision of expert tutors and faculty.

Program

The program is appropriate for full graduate and advanced undergraduate students in a variety of fields from biology, neurobiology, and psychology, to physics, medicine, engineering, and mathematics. Students are expected to have a good background in their discipline, interest in neuroscience, and some knowledge (even basic) of computer programming.

Students

Participation is limited to 25 students (13 places will initially be reserved for students from Sardinia). School fee is 200/00 Euro (VAT included).

Venue

The school will run from **April 27 – May 02 2020**, and will take place in Alghero (Italy) at Porto Conte Ricerche Research Centre. The official language of the school is English.

Further informations and registration

neuronschool.org

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