

XIX International School of Pure and Applied Biophysics on ***Theoretical and Computational Approaches to Biophysics***



Venice, Campo Santo Stefano, January 26th-30th, 2015

The School, organized by the [Italian Society for Pure and Applied Biophysics \(SIBPA\)](#) and the [Venetian Institute for Sciences, Humanities and Arts \(IVSLA\)](#), focuses on contemporary biophysical topics. The selected subjects will draw young researchers' attention to frontier research issues of considerable scientific and educational impact. The School will be held in the magnificent Palazzo Franchetti, the premises of the IVSLA located in the historical centre of Venice. The focus of the 2015 School covers Polymer Physics models of chromosome organization in the cell nucleus, and ab-initio and classical Molecular Dynamics simulations of proteins. Different theories, algorithms and experiments will be discussed by the invited speakers.

SPEAKERS

- Gianfranco Bocchini, University of Rome Tor Vergata, Roma (Italy)
- Michele Caselle, University of Turin, Torino (Italy)
- Pietro Faccioli, University of Trento, Trento (Italy)
- Andrea Gamba, Politecnico di Torino, Torino (Italy)
- Paolo Giannozzi, University of Udine, Udine (Italy)
- Leonardo Guidoni, University of L'Aquila, L'Aquila (Italy)
- Giovanni La Penna, ICCOM-CNR, Firenze (Italy)
- Enzo Marinari, University of Rome Sapienza, Roma (Italy)
- Cristian Micheletti, SISSA, Trieste (Italy)
- Yifat Miller, Ben-Gurion University of the Negev, Beer Sheva (Israel)
- Silvia Morante, University of Rome Tor Vergata, Roma (Italy)
- Ana Pombo, MDC, Berlin (Germany)
- Angelo Rosa, SISSA, Trieste (Italy)
- Giancarlo Rossi, University of Rome Tor Vergata, Roma (Italy)
- Lorenzo Stella, University of Rome Tor Vergata, Roma (Italy)

Director of the School: Giorgio M. Giacometti (*IVSLA and University of Padua*)

Scientific Coordinators: Giorgio M. Giacometti (*IVSLA and University of Padua*); Velia Minicozzi (Dept of Physics, University of Rome Tor Vergata); Mario Nicodemi (Dept of Physics, University of Naples "Federico II")

REGISTRATION: Deadline **December 14th, 2014**; Info Dr. Velia Minicozzi velia.minicozzi@roma2.infn.it
Maximum 35 students will be admitted to the school. A poster session will be held for students to present their activity.

WEB: <http://www.pa.ibf.cnr.it/sibpa/index.php/scuola-internazionale-di-biofisica-sibpa-ivsla/school/55-xix-edition-2015>