International School of Biological Magnetic Resonance: 13th Course

Future of Biophysics and Structural Biology

Course Directors: J. Puglisi and E. Viani

View from the San Domenico Institute Ettore Majorana Centre for Scientific Culture

ERICE-SICILY: 31 July-9 August 2014
URL: http://smrl.stanford.edu/erice2014/

Organizing Committee:
Joseph D. Puglisi, Stanford University; Elisabetta Viani, Stanford University;
Angela Gronenborn, University of Pittsburgh

Purpose of the Course:
This course focuses on recent advances in molecular biophysics and structural biology, as applied to key problems in modern biomedical research. Lectures will cover the principles of structural biology (x-ray crystallography, NMR, Electron microscopy, computation) and biophysics (spectroscopy, kinetics, single-molecule studies), together with recent research results. The long format of the course encourages extensive discussion and life-long collaboration and friendship. Students and postdoctoral researchers from a wide range of backgrounds are encouraged to apply.

Lecturers:
D. ArdiSSino, Università di Parma, IT; W. CleMONs, Caltech, US; M. DelPierRE, Institut Pasteur, FR;
M. Ehrenberg, University of Uppsala, SE; A. Gronenborn, University of Pittsburgh, US; T. Kirchhausen, Harvard University, US; R. Kornberg, Stanford University, US; M. Levitt, Stanford University, US; A. McPherson, UC Irvine, US; O. Nureki, University of Tokyo, JP; J.D. Puglisi, Stanford University, US; S. Quake, Stanford University, US; P. Sarnow, Stanford University, US; P. SelEnko, Institute of Molecular Pharmacology, GE; E. Viani, Stanford University, US.

Additional Information & Application Procedure:
Ms. Manolia Margaris, Associate Director, Organizational Affairs: manolia@stanford.edu
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Online Registration Form: http://www.stanford.edu/~manolia/erice2014app.fb

Fee: 1,000 Euro. Fee includes full board and lodging at the Ettore Majorana Centre.