Biophysics and Molecular Structure

Course Directors: J. Puglisi and E. Viani

ERICE-SICILY: 20-28 May 2017
URL: http://smrl.stanford.edu/erice2017

**Organizing Committee:**
Joseph D. Puglisi, Stanford University; Elisabetta Viani Puglisi, 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. Delepierrre, Institute Pasteur, FR;
K. Deisseroth, Stanford University, US; A. Gronenborn, University of Pittsburgh, US;
T. Kirchhausen, Harvard University, US; M. Levitt, Stanford University, US; A. McPherson, UC Irvine, US;
J.D. Puglisi, Stanford University, US; S. Quake, Stanford University, US; P. Seleiko, FMP-Berlin, GE & Weizmann Institute, ISR; G. Skiniotis, University of Michigan, US; L. Stryer, Stanford University, US;
W. Sundquist, University of Utah, US; S. Uemura, The University of Tokyo, JP;
E. Viani Puglisi, Stanford University, US.

**Additional Information & Application Procedure:**
Ms. Manolia Margaritis, Associate Director, Organizational Affairs: manolia@stanford.edu
Tel: (1) 650/723-9151 ♦ Fax: (1) 650/723-8464

**Online Registration Form:** http://web.stanford.edu/~manolia/erice2017app.fb

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