

International School of Biological Magnetic Resonance: 15<sup>th</sup> Course

# Biophysics and Molecular Structure

Course Directors: J. Puglisi and E. Viani

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

**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. DELEPIERRE**, 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. SELENKO**, 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 Margaris, Associate Director, Organizational Affairs: [manolia@stanford.edu](mailto: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.