

International School of Biological Magnetic Resonance: 14th Course

Future of Molecular Biophysics

Course Directors: J. Puglisi and E. Viani

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

ERICE-SICILY: 7-17 May 2016

URL: <http://smrl.stanford.edu/erice2016/>

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:

L. BANCI, Università di Firenze, IT; **Z. BRYANT**, Stanford University, US; **W. CLEMONS**, Caltech, US; **M. DELEPIERRE**, Institute Pasteur, FR; **M. EHRENBERG**, University of Uppsala, SE; **A. GRONENBORN**, University of Pittsburgh, US; **T. KIRCHHAUSEN**, Harvard University, US; **M. LEVITT**, Stanford University, US; **D. LINA**, Università di Parma, IT; **A. McPHERSON**, UC Irvine, US; **J.D. PUGLISI**, Stanford University, US; **S. QUAKE**, Stanford University, US; **P. SELENKO**, Institute of Molecular Pharmacology, GE; **G. SKINIOTIS**, University of Michigan, US; **E. VIANI PUGLISI**, Stanford University, US; **A. YONATH**, Weizmann Institute of Science, IL.

ADDITIONAL INFORMATION & APPLICATION PROCEDURE:

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ONLINE REGISTRATION FORM: <http://www.stanford.edu/~manolia/erice2016app.fb>

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