

# International School of Structural Biology and Magnetic Resonance

## 7th Course: Structure and Biophysics – New Technologies for Current Challenges in Biology and Beyond

**School Directors: O. Jardetzky and J. Puglisi**  
**Course Directors: J. Puglisi and A. Arseniev**

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

A NATO Advanced Study Institute

ERICE-SICILY: 22June-3 July 2005

URL: <http://smrl.stanford.edu/erice2005/>

**PURPOSE OF THE COURSE:** The school will teach the basic principles of biophysical methods, and their applications to critical and current biological problems. The course will focus on the interface between structural biology, biochemistry and biophysics, in which lies the fertile ground of drug development, biotechnology and new materials.

### **LECTURERS:**

**C. ARROWSMITH**, University of Toronto, CA; **A. ARSENIIEV**, Russian Academy of Sciences, RU; **V. DOETSCH**, University of Frankfurt, GE; **W. EATON**, National Institute of Health, US; **R. EFREMOV**, Russian Academy of Sciences, RU; **A. GRONENBORN**, National Institute of Health, US; **W.N. LIPSCOMB**, Harvard University, US; **P. LUKAVSKY**, MRC LMB, UK; **M. NILGES**, Institute Pasteur, FR; **H. OSCHKINAT**, Institute of Molecular Pharmacology, GE; **D. PATEL**, Memorial Sloan Kettering Cancer Center, US; **J.D. PUGLISI**, Stanford University School of Medicine, US; **G.L. ROSSI**, University of Parma, IT; **Sir J.M. THOMAS**, Royal Institution, DFRL, London, UK; **A. YONATH**, Weizmann Institute, IL

**Fee:** 1100 Euro. Fee includes full Board and Lodging to be arranged by the Ettore Majorana Centre.

**DEADLINE FOR APPLICATIONS:** Applications continue being considered.

**To apply/additional information:** Dr. Joseph D. Puglisi - Course Director, [puglisi@stanford.edu](mailto:puglisi@stanford.edu)  
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