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Saturday, May 7: Arrivals all day
7:00PM: Wine reception in Marsala Room, San Rocco

14TH COURSE: FUTURE OF MOLECULAR BIOPHYSICS
ERICE-SICILY: 7-17 MAY 2016

[HTTP://SMRL.STANFORD.EDU/ERICE2016/](http://smrl.stanford.edu/erice2016/)

SCIENTIFIC PROGRAM

Sunday May 8

morning

9:00-9:15	J. Puglisi	Opening remarks and Perspectives
9:30-11:00	J. Puglisi	Principles of spectroscopy I
<i>11:00-11:30</i>	<i>Coffee break</i>	
11:30-12:30	J. Puglisi	Principles of spectroscopy II
<i>12:30-15:00</i>	<i>Lunch</i>	

afternoon

15:00-16:00	E. Viani	Nucleic Acid Structure
<i>16:00-16:30</i>	<i>Coffee break</i>	
16:30-17:30	Y. Skiniotis	CryoEM I

Monday May 9

morning

9:00-10:00	A. Gronenborn	Protein NMR I
10:00-11:00	L. Banci	What we learn from motions of the biomolecules?
<i>11:00-11:30</i>	<i>Coffee break</i>	
11:30-12:30	M. Delepierre	Molecular interaction as viewed by NMR
12:30-1:30	A. McPherson	X-ray crystallography I

afternoon free

Tuesday May 10

morning

9:00-10:00	L. Banci	From single structures to functional processes
10:00-11:00	A. Gronenborn	Protein NMR II
<i>11:00-11:30</i>	<i>Coffee break</i>	
11:30-12:30	A. McPherson	X-ray crystallography II
<i>12:30-15:00</i>	<i>Lunch</i>	

afternoon

15:00-16:00	P. Selenko	Why NMR textbooks are boring.
<i>16:00-16:30</i>	<i>Coffee break</i>	
16:30-17:30	S. Quake	Single Cell Genomics

Wednesday May 11 *Excursion*

Thursday May 12

morning

9:00-10:00	B. Clemons	Protein structure
10:00-11:00	S. Quake	A Molecular Stethoscope
<i>11:00-11:30</i>	<i>Coffee break</i>	
11:30-12:30	Y. Skiniotis	CryoEM II
<i>12:30-15:00</i>	<i>Lunch</i>	

afternoon

15:00-16:00	M. Delepierre	NMR, a tool for biology
16:00-17:00	A. McPherson	X-ray crystallography III

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SCIENTIFIC PROGRAM

Friday May 13

morning

9:00-10:00	T. Kirchhausen	Cell biology and imaging I
10:00-11:00	S. Quake	Sequencing the Immune System
11:00-11:30	<i>Coffee break</i>	
11:30-12:30	Y. Skiniotis	CryoEM III
12:30-15:00	<i>Lunch</i>	

afternoon

15:00-18:30 Student talks

evening 20:00 Banquet Dinner

Saturday May 14

morning

9:00-10:00	M. Levitt	Simulating Functional Motion in Macromolecular Complexes
10:00-11:00	M. Ehrenberg	Kinetics and systems biology I
11:00-11:30	<i>Coffee break</i>	
11:30-12:30	M. Levitt	Solving Large & Difficult Structures With Less Experimental Data

afternoon free

Sunday May 15

morning

9:00-10:00	P. Selenko	Physicochemical properties of cells: How they affect protein structure and function.
10:00-11:00	T. Kirchhausen	Cell biology and imaging II
11:00-11:30	<i>Coffee break</i>	
11:30-12:30	J. Puglisi	Dynamics in Translation
12:30-15:00	<i>Lunch</i>	

afternoon

15:00-16:00	B. Clemons	Structural biology applications
16:00-17:00	P. Selenko	Taking NMR spectroscopy into the cell: Why and How?

Monday May 16

morning

9:00-10:00	T. Kirchhausen	More fun with cells
10:00-11:00	A. Gronenborn	The Art of Border Crossings: Integrative Multidisciplinarity in the Natural Sciences
11:00-11:30	<i>Coffee break</i>	
11:30-12:30	M. Ehrenberg	More fun with kinetics and systems approaches

afternoon free

Tuesday, May 17

Departure – Ciao Erice, see you in 2017!!!

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