

SCHOOL FOR TRAINING IN EXPERIMENTS WITH LASERS AND LASER APPLICATIONS

The research-laboratory summer school in advanced linear, nonlinear and quantum optics

STELLA 2011

HOSTED BY:
UNIVERSITY OF INSUBRIA / Como, Italy

OPENING:
MONDAY, JUNE 20, 2011 / 9:00 A.M.

DURATION:
3 WEEKS / From Monday, June 20, 2011 to Friday, July 8, 2011

EARLY BIRD REGISTRATION:
JANUARY 31, 2011 / Reduced fee 1.500 €

REGISTRATION:
MARCH 31, 2011 / Full fee 2.000 €

Fees include lunch and accomodation.

SCHOOL CO-DIRECTORS

Prof. PAOLO DI TRAPANI
University of Insubria

Dr. OTTAVIA JEDRKIEWICZ
University of Insubria

EXPERIMENTAL COURSES

Prof. RUDOLF RIGLER / Karolinska Institute, Stockholm
SINGLE- MOLECULE FLUORESCENCE FLUCTUATION SPECTROSCOPY

Prof. PAOLO MATALONI / Università "La Sapienza", Roma
QUANTUM TOMOGRAPHY AND CHSH INEQUALITY

Prof. MARIA V. CHEKHOVA / Max-Planck Institute, Erlangen, Moscow State University
MEASUREMENT OF INTENSITY CORRELATION FUNCTIONS FOR PSEUDO-THERMAL LIGHT

Prof. JENS BIEGERT / Institut de Ciències Fotòniques, Barcelona
HIGH FIELD PHYSICS AND EXTREME NONLINEAR OPTICS

Prof. JOHN DUDLEY / Université de France Comté, Besançon
LASER MICRO- AND NANOSTRUCTURING METHOD USING BESSEL BEAMS

Prof. MILES PADGETT / University of Glasgow
SPATIAL LIGHT MODULATORS: ALGORITHMS AND TESTING OF THE SLM FOR REAL BEAMS GENERATION

Dr. ROBERTO CERBINO / University of Milan
OPTICAL MICROSCOPY AND ITS USE FOR THE CHARACTERIZATION OF SOFT MATERIALS

Prof. FRANK SCHEFFOLD / University of Fribourg
LASER SPECKLE FREQUENCY CORRELATIONS IN RANDOM MEDIUM

Dr. GINTARAS TAMOSAUSKAS / University of Vilnius
THREE-DIMENSIONAL CHARACTERIZATION OF COMPLEX OPTICAL STRUCTURES

Dr. ARNAUD COUAIRON / Ecole Polytechnique, Palaiseau
PROPAGATION OF ULTRASHORT LASER PULSES IN TRASPARENT MEDIA:PRESENTATION OF THEIR PHYSICS EFFECTS AND THEIR MODELLING

Prof. MIROSLAV KOLESIK / University of Arizona
COMPUTATIONAL OPTICS IN EXTREME NONLINEAR REGIMES: FROM MODELS TO REALISTIC, PREDICTIVE SIMULATIONS

FURTHER INFORMATION

WEBSITE:
www.stella-school.eu

MAIL:
ottavia.jedrkiewicz@uninsubria.it
maria.pagetti@uninsubria.it

PHONE:
+39 0312386257



Project supported by

**fondazione
cariplo**