

International Workshop on: Novel Laser Sources for Biomedical Applications

Organized under sponsorship of the President of the Faculty of Engineering of Brescia University, and support from



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in the frame of the activities of:

PhD on TECHNOLOGY FOR HEALTH PROTECTION



Organizing Committee:

S. Wabnitz (U. Brescia), A. Galtarossa (U. Padova), A. Vannucci (U. Parma)

WORKSHOP LOCATION:

Università di Brescia, Via Branze 38, Brescia. Dipartimento di Ingegneria dell'Informazione, Sala Consiliare

FINAL PROGRAMME

TUESDAY, May 29, 2012

9:00 am - 10:30 am	Opening Ceremonies Keynote Address: Falk Lederer , F. Schiller University, Germany: "Nanooptics and dissipative solitons"
10:30 am - 10:45 am	Coffee Break
10:45 am - 12:15 pm	Stefano Selleri , Università di Parma, Italy: "Fiber optics platform for biomedical detection" Costantino De Angelis , Università di Brescia, Italy: "Energy localization and transport in binary waveguide arrays"
12:15 pm - 2:15 pm	Lunch Break
2:15 pm - 3:45 pm	Frédéric Smektala , Université de Bourgogne, France : "Soft glasses and infrared microstructured fibers for supercontinuum sources above 2 μm " Stefano Trillo , Università di Ferrara, Italy: "Optical dispersive shock waves"

WEDNESDAY, May 30, 2012

9:00 am - 10:30 am	Keynote Address: Guy Millot, Université de Bourgogne, France : “Raman beam cleanup, supercontinuum and optical rogue events in fiber-based systems”
10:30 am - 10:45 am	Coffee Break
10:45 am - 12:15 pm	Luca Palmieri, Università di Padova, Italy: “Fiber optic distributed sensing based on polarization sensitive reflectometry” Fabio Baronio, Università di Brescia, Italy: “Broadband frequency conversion in parametric devices”
12:15 pm - 2:15 pm	Lunch Break
2:15 pm - 3:45 pm	Hans J. Jauslin, Université de Bourgogne, France : “Wave attraction in counter-propagating wave systems” Lorenzo Pavesi, Università di Trento, Italy (2011-12 IEEE Photonics Society Distinguished Lecturer): “All-silicon microresonator lab-on-a-chip biosensor array”

For informations, you may contact us at: bresciaworkshop2012@gmail.com

Where we are: The Dipartimento di Ingegneria dell'Informazione is at the first floor of the Engineering Faculty building of Brescia University, in Via Branze 38, in the north part of town called Mompiano.

