



SCHOOL OF BIOPHOTONICS

2014 KOŠICE , SLOVAKIA

26 MAY – 1 JUNE 2014

MOTIVATION AND OBJECTIVES

The course aim is addressing the task of improving theoretical as well as practical knowledge of doctoral students in advanced methods of biophotonics.

ORGANIZED BY:

DOCTORAL SCHOOL

Biophysics (P. J. Šafárik University, Kosice, Slovakia)

TOPICS:

THEORETICAL COURSES (18 HOURS)

Introduction (repetitorium in optics and spectroscopy)
Principles of optical experiments
Fluorescence microscopy techniques
Advanced laser techniques
Raman spectroscopy and imaging
Lasers in medicine
Bioenergetics
Cultural applications

PRACTICAL TRAINING (15 HOURS)

LECTURERS/TEACHERS:

G. Bánó, V. Huntošová, M. Fabian, G. Fabríciová, D. Jancura,
Z. Jurašeková, S. G. Kruglik, A. Marček Chorvátová, P. Miškovský,
Z. Nad'ová, S. Sánchez Cortés, H. van den Bergh

NUMBER OF CREDITS: 10



www.biophysics.sk

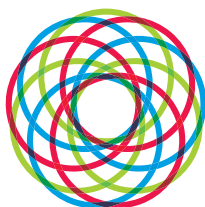
ORGANIZED AND SPONSORED BY

University of P. J. Šafárik, Košice; ILC SPIE Student Chapter, Projekt 7.RP EÚ CELIM 316310,
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DEPARTMENT
OF BIOPHYSICS

LET THE LIGHT WORK FOR HEALTH AND ARTS