



Biophysics@Rome 2015

CNR, Area della Ricerca di Tor Vergata

Via del Fosso del Cavaliere, 100

28 & 29 May 2015

www.biophysicsatrome.org

On 20th December 2013, the General Assembly of the United Nations has proclaimed 2015 the International Year of Light and Light-based technologies (IYL 2015, <http://www.light2015.org>).

In this context, we decided to dedicate the opening of this second Edition of the Conference to “*light themes*”, to evidence the role of advanced optical techniques in biophysics, bio-analytics and biomedicine, still preserving the final aim of building a robust bridge between Companies and places traditionally devoted to frontier research. A renewed important opportunity to be seized to discuss of innovative solutions in a field in rapid expansion and intended to have a huge social and economic impact.

Topics and subjects:

Computational Biophysics
Molecular Biophysics
Bioinformatics and System Biology
Biochemistry
Models
Medical Physics
Quantum Effects
Microfluidics
Microscopy and Spectroscopy
Sensors and Devices
Lab-on-Chips
Complexity
Novel Materials
Regenerative Medicine
Super-resolved Fluorescence Microscopy
Laser Processing
Soft Materials

Confirmed Invited Speakers:

A. Diaspro
Department of Nanophysics, Istituto Italiano di Tecnologia (IIT) & Department of Physics, University of Genoa

G. Bianconi
School of Mathematics, Queen Mary University of London

F. Filocamo
Ufficio Ricerca Industriale, MIUR

G. Salviati
IMEM-CNR, Parma

M. Dinescu
NILPRP, National Institute for Lasers, Plasma, and Radiation Physics, Magurele, Romania

Abstract Deadline: *April 7, 2015*

Abstract may be submitted on-line

Presentations can include:

- Single papers (abstract max 600 words)
- Posters (abstract max 600 words)



info@biophysicsatrome.org

Registration Deadline: *April 30, 2015*

IMAGE CONTEST: “BiophysicART”

The best images will be awarded during the Meeting (submission deadline *May 9, 2015*)