



Biophysics@Rome 2014

CNR, Area della Ricerca di Tor Vergata

Via del Fosso del Cavaliere, 100

22 & 23 May 2014

www.biophysicsatrome.org

“Spanning the distance between the complexity of life and the simplicity of physical laws is the challenge of biophysics”. To face this challenge, a strongly interdisciplinary approach is indispensable, as this field has a significant overlap with many modern life sciences, from biochemistry to systems biology, bioengineering and nanotechnology.

The aim of this renewed event is to provide a valuable opportunity for exchange of information and expertise, to connect the large community of researchers, working in the Rome and Lazio area, dealing with complementary aspects of Biophysics and Biotechnology.

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

Invited Speakers:

E. Gratton
Laboratory for Fluorescence Dynamics,
University of California, Irvine

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

P.U.P.A. Gilbert
Department of Physics
University of Wisconsin, Madison

A. Cattaneo
Laboratory of NeuroBiology
Scuola Superiore Sant'Anna, Pisa

S. D'Auria
Laboratory for Molecular Sensing,
Institute of Protein Biochemistry CNR, Napoli

Abstract Deadline: *March 17, 2014*

Abstract may be submitted on-line

Presentations can include:

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

Registration Deadline: *April 30, 2014*



info@biophysicsatrome.org



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IMAGE CONTEST: “BiophysicART”

The best images will be awarded during the Meeting (submission deadline *May 9, 2014*)