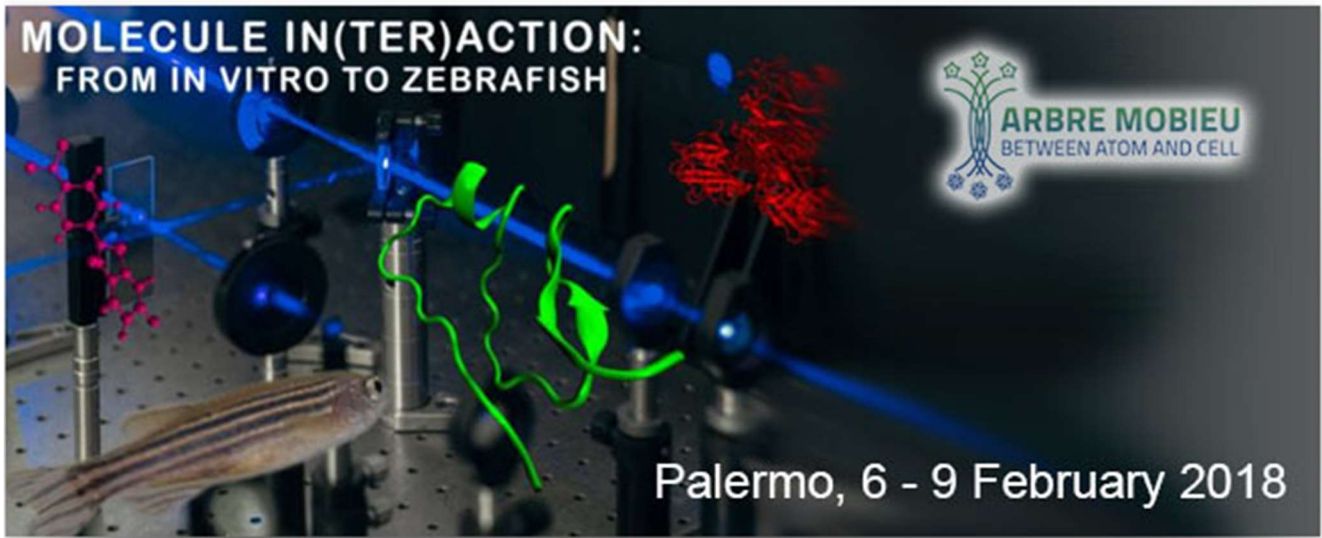




Biophysics School



This interdisciplinary school is addressed to 12 PhD students or young investigators and will provide theoretical and practical training on state-of-the-art methods to explore **Interactions, Structure and Conformation Dynamics of Biomolecules**.

Advanced Spectroscopy and Microscopy Techniques will be presented together with the use of the Zebrafish Model as a tool for live imaging and molecular biology analysis.

Scientific Committee:

Maurizio Leone Physics and Chemistry Dept & ATeN Center; Univ. Palermo.

Vincenzo Cavalieri Biol. Chem. and Pharm. Sciences and Tech. Dept. & ATeN Center; Univ. Palermo.

Valeria Vetri Physics and Chemistry Dept. & ATeN Center; Univ. Palermo.

Confirmed Speakers:

Francesco Argenton University of Padua, Italy.

Alberto Boffi University La Sapienza, Rome, Italy.

Claudio Canale IIT, Genoa, Italy.

Claudio M. Gomes Universidade de Lisboa, Portugal.

Fabrizio Messina University of Palermo, Italy.

Giorgio Schirò CNRS, Grenoble, France.

Ludovico Silvestri LENS, Florence, Italy.

Kleitos Sokratous CSMM, Cyprus.

Zebrafish model

Engineered proteins for Drug Delivery

Nano-manipulation using AFM

Biophysics of Amyloids

ultrafast optical spectroscopy

X-FEL Opportunities for Protein Biophysics

Brain investigation by Light Sheet Microscopy

Mass Spectrometry based Proteomics



[GRANTS for covering Registration fee and travel are available](#)

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