

Prof. Paolo Foggi

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Studies and Academic Carrier

- 12/18/1980: graduated in Chemistry (University of Florence)
- 11/1987: PhD in Physical Chemistry (University of Florence).
- 04/1987 - 12/1989: Research Fellowship (LENS, University of Florence).
- 01/1990 - 10/1998: Researcher in Physical Chemistry (Department of Chemistry, University of Florence).
- 11/1998 - 2003: Associated Professor of Physical Chemistry (Department of Chemistry, University of Perugia).
- 1/2004 - present: Full Professor of Physical Chemistry (Department of Chemistry, University of Perugia).

Teaching Activity

Physical Chemistry (Undergraduate studies in Chemistry Univ. Perugia 1998-2005)

Applied Spectroscopy (Undergraduate studies in Biotechnology Univ. Perugia 2005-)

Non linear spectroscopy (Undergraduate studies in Chemistry Univ. Perugia 2005-).

Advanced Spectroscopy (LENS PhD school 2014-2015)

Molecular Spectroscopy (SNS undergraduate and graduate studies in Chemistry – 2013-2014)

Research Activity

- Application of laser spectroscopy to the study of the dynamics of molecular systems in condensed phases.

Characterization of electronic transitions in crystals, matrices and solutions by conventional UVvisible absorption, fluorescence and two-photon absorption.

Time resolved spectroscopies in the study of the fast dynamics in pure liquids and solutions.

- Study of simple photochemical reaction by ultrafast laser techniques (TRIR and transient Raman).

Application of femtosecond transient absorption spectroscopy in the study of fast relaxation processes in molecular systems and fast intramolecular reactions (fast isomerization and proton transfer)

- Development of new ultrashort laser sources: parametric generation of tunable pulses from the UV down to middle IR.

.Application of ultrafast laser spectroscopy to biomolecules.