

Laboratory for Computational Photochemistry and Photobiology UNISI

(Prof. Massimo Olivucci)

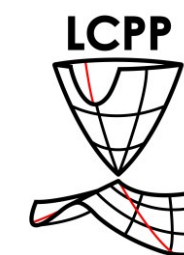
Logo: UNISI



RESEARCHER: Massimo Olivucci. **PostDoc:** Riccardo Palombo, Xuchun Yang, Filippo Sacchetta. **Dottorandi:** Jacopo D'Ascenzi, Leonardo Barneschi, Ivanna Gisele R Juliani Costa.

DIPARTIMENTO: Biotecnologie, Chimica e Farmacia

LAB: Laboratory of Computational Photochemistry and Photobiology (LCPP)



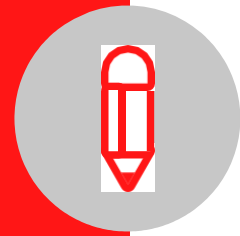
Research activity



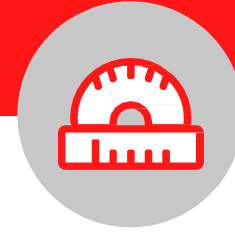
Short description of the research activity: Computer simulation of spectroscopy and chemical and photochemical reactivity at the molecular level. Computer simulation of the activation of biological photoreceptors and fluorescent proteins.

Quantum chemical and quantum-classical dynamics methods.

Two HPC
Clusters are
available to the
laboratory.



Technologies and services



High Performance Computing (HPC) tool and Quantum Chemistry Software
Presently, no service is offered to regional, national or international companies.

Applications
and
collaborations



Presently: no collaboration with
regional, national or international
companies.

For more information



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For more information



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