



ABA LOSI – PhD

Applied Physics PROFESSOR
University of Parma (ITA)

CONTACTS

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🌐 [Losi UniPr](#)

Publications

80 papers in peer-reviewed journals

8 book chapters

h-index = 31 (Scopus)

Details at: [ORCID Aba Losi](#)

Languages spoken

Italian, English, German

ACADEMICS

- Master degree in Biological Sciences 1992.
- PhD in Biophysics, 1997, University of Parma, ITA (UniPR).
- Post Doc position (Marie Curie) and contracts at the Max Planck Institute for Radiation Chemistry, Mülheim Ruhr, GER (1998-2002)
- Assistant professor at UniPR (2002-2014)
- Associate professor in Applied Physics 2014-UniPR
- 2020- [Council member at the University Language Centre](#)

RESEARCH AND EXPERTISE

- Novel microbial photosensors for visible-light: structure, function, energetics, evolution and advanced biophysical applications.
- Seminal paper: **A. Losi**, E. Polverini, B. Quest and W. Gaertner, First evidence for phototropin-related blue- light receptors in prokaryotes, *Biophys. J.*, 2002, 82, 2627-2634.
- Steady state and time-resolved UV-Vis spectroscopy ; time-resolved photoacoustics;

EDUCATIONAL ACTIVITIES

- Course of *Photobiophysics and Photobiology* for the Master degree in Physics (University of Parma, UniPR) (2014-)
- Course of: *Applied Physics* for Master Degree in Veterinary medicine (UniPR) (2014-)
- Course of: *Physics* for the Bachelor degree in Zootechnical sciences and technologies in animal productions (UniPR) (2014-)
- Supervision of undergraduate and graduate students in the Biophysical field
- Several activities in scientific divulgation, e.g. local organisation of The European Researchers' Night and Photobiology lectures for schools