



CONSIGLIO NAZIONALE DELLE RICERCHE
ISTITUTO NAZIONALE DI OTTICA

AVVISO DI SEMINARIO

Il giorno martedì 17 gennaio 2017 alle ore 11,00
presso l'Area della Ricerca CNR di Pisa, Aula 33, piano Terra, Edificio "A"

la Dr.ssa Barbara PATRIZI

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terrà un seminario sul tema:

Spectroscopic methods for applications in the protection of the Environment and beyond

Abstract.

In this talk I will report the main outline of my scientific activity during Ph.D at LENS in Florence and during my different fellowships I received from 2010 to 2016.

In particular I will talk about the main results obtained in the Project SIMPAS (Innovative Measurement Systems for Protection of Environment and Health) regarding the development of new spectroscopic methods for dioxins emissions monitoring.

Then I will talk about my Ph.D research activity at Lens in the ultrafast spectroscopy group focused on carbon monoxide recombination dynamics in bacterial truncated hemoglobins.

I will report some of the main results obtained in the frame of collaboration projects with Eni and MIT on the development of new materials for solar energy conversion.

In the last part of the seminar I will talk about the future planned activities and new research ideas.