



OLE Magazine echoes about an innovative technique in ultrashort pulses performed by ICFO researchers

The research is carried out by Pablo Loza's group at ICFO

March 05, 2004

The Optics&Laser Europe Magazine has echoed about the results of a research carried out by ICFO scientists in the area of Biophotonics and Nonlinear Optics. The research is focused on the use of starch as an ideal medium for characterizing ultrashort pulses, hence overcoming the limitations in obtaining information provided by traditional techniques. This innovative method can lead the scientists to optimize pulses for nonlinear microscopy and procure a significant advance in life science where imaging living cells requires the minimum amount of light to avoid photodamage.

High resolution nonlinear microsc



Areas:
Biophotonics
Group associated
Ultrafast in
Abstract:
The construction



Dr. Pablo Loza in the nonlinear microscopy lab