

Conferencias Invitadas

Escrito por Administrador

Martes, 28 de Diciembre de 2010 08:27 - Actualizado Martes, 12 de Abril de 2011 07:27

Se ha elaborado un ambicioso panel de reconocidos expertos internacionales para desarrollar las conferencias-tutoriales invitadas (7) en temáticas dentro de áreas significativas de la fotónica. Las mismas son:

Prof. Philip Russel (University Erlangen-Nuremberg, Alemania)

Prof. Eric Mazur (Harvard University, Boston, USA).

Prof. David Richardson (Optoelectronic Research Centre, Southampton, UK)

Prof. Xingde Li (Johns Hopkins University, USA)

Prof. Xi-Chegn Zhang (Renssealaer Polytechnic Institute, USA)

Prof. Kazuo Hotate (University of Tokyo, Japon)

Prof. Jorge Ojeda-Castañeda (University of Guanajuato, Mexico)

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Philip Russel

Max-Planck Institute for the Science of Light

Keeping a tight focus on matter

Photonic crystal fibre (PCF) allows remarkable control of the propagation of guided light in structures with



Eric Mazur

Area Dean of Applied Physics
Balkanski Professor of Physics
and Applied Physics

Harvard University

Nonlinear optics at the nanoscale

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We explore nonlinear optical phenomena at the nanoscale by launching femtosecond laser pulses into lo



David J. Richardson

Optoelectronics Research Centre (ORC)

University of Southampton

Emerging Fibre Technology for Next Generation Telecommunication Networks

Driven by the relentless 40% per annum growth rate in internet data, it is already apparent that the next

In this presentation I shall review and discuss some of the potential technological options (most exploitin



Xingde Li

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PhD, Department of Biomedical Engineering

Johns Hopkins University

Translational Fiber-optic Endomicroscopy Technologies

The past 20 years have witnessed rapid developments of high-resolution optical imaging technologies, s



Xi-Cheng Zhang

Director
Center for THz Research
School of Science

Rensselaer Polytechnic Institute, USA

Terahertz wave air photonics

Since the early 90s, the technology of THz time domain spectroscopy has been largely applied to measu

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We have developed THz radiation-enhanced-emission-of-fluorescence (REEF) and THz-enhanced acou



Kazuo Hotate

Department of Electrical Engineering and Information Systems
Graduate School of Engineering

The University of Tokyo

Distributed Fiber Sensing Technology: Currents and Challenges

In this talk, distributed fiber sensing technologies are explained, showing principles and applications. Ti



Jorge Ojeda-Castañeda

University of Guanajuato, Mexico

Phase-Space tools for designing novel imaging devices

In applied optics, often one is faced with a trade-off between two functions that are a Fourier transform p