

DEPARTAMENTO DE FISICA

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Áreas de conocimiento:

- FISICA APLICADA

ÁREA DE CONOCIMIENTO: FISICA APLICADA

Publicaciones y actividades de difusión de resultados

Publicaciones en revistas científicas internacionales

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Ponencias y Comunicaciones a congresos

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On the Relevance of Lorentzian Pulses and Exponential Spectra for the Understanding of Fusion Edge Plasma Turbulence, 39th European Physical Society Conference on Plasma Physics. 16th International Congress on Plasma Physics, ESTOCOLMO, SUECIA, 2012.
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Coherent Regions in the Phase of k Models for 2D Turbulence Simulations , 17th Joint EU-US Transport Task Force Meeting, PADUA, ITALIA, 2011.
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Phonons Contribution To The Infrared And Visible Spectra Of II-VI semiconductor nanoshells., Trend in Nanotechnology, MADRID, ESPAÑA, 2012.
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On the Relevance of Uncorrelated Sequencies of Lorentzian Pulses for the Interpretation of Turbulent Fluctuation Data at the Edge of Magnetically Confined Toroidal Plasmas, 54th Annual Meeting of the APS Division of Plasma Physics, PROVIDENCE, RHODE ISLAND, ESTADOS UNIDOS DE AMERICA, 2012.
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Bootstrap Current Calculations in TJ-II Stellarator , Invited Talk, Theory of Fusion Plasmas, Joint Varenna-Lausanne International Workshop, VARENNA, ITALIA, 2012.

Propiedad Industrial/intelectual

- *Inventores:* CORTES, F.; RODRIGUEZ, M.A.; MELENDEZ, J. ; LOPEZ, F.
Método y dispositivo para la detección y medida de la concentración de gases
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Titular: UNIVERSIDAD CARLOS III DE MADRID
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Actividades de formación y movilidad de personal investigador

Estancias en otros centros

- MARIA ANGUSTIAS AUGER MARTINEZ
Título: Atom Probe characterization of ODS Fe-Cr alloys
Centro Externo: Department of Materials. University of Oxford
País: REINO UNIDO
Duración: 30/07/2012 a 24/08/2012.

Estancias de investigadores externos en la universidad

- LUIS RAUL SANCHEZ FERNANDEZ; JORGE ALBERTO ALCUSON BELLOSO
Título: Estudio de kernels no-difusivos para modelar el transporte turbulento en plasmas de fusión
Investigador Externo: DEL CASTILLO-NEGRETE, D.
Centro Externo: Laboratorio Nacional de Oak Ridge
País: ESTADOS UNIDOS DE AMERICA
Duración: 05/03/2012 a 29/05/2012.