

# CERTIFICATE

This is to certify that

**Martin Heimsoth**

has presented an oral communication entitled

**Orbital Josephson Effect in driven Bose-Einstein  
Condensates**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Marta González González**

has presented an oral communication entitled

**First observation of ground state  $I(^2P_{3/2})$  atoms from the  
 $CH_3I$  photodissociation in the B-band**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**M<sup>a</sup> Eugenia Corrales Castellanos**

has presented an oral communication entitled

**Radical effects on the femtodynamics of several alkyl  
iodides**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Javier Rodríguez Díaz**

has presented an oral communication entitled

**The role of the  $\pi\sigma^*$  excited states in the photodissociation  
in biological chromophores**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Garikoitz Balerdi Villanueva**

has presented an oral communication entitled

**Control of the  $\text{CH}_3\text{I}$  Predissociation at the Origin of the B Band**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Juan José Nogueira Pérez**

has presented an oral communication entitled

**Classical trajectory simulations of gas-surface collisions**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Marcos Rellán**

has presented an oral communication entitled

**Metals interactions with corannulene**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Alba Campo Cacharrón**

has presented an oral communication entitled

**Study of Cation $\cdots\pi$  Interactions Modulated by the  
Enviroment**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee



# CERTIFICATE

This is to certify that

**Antonio Sánchez-Coronilla**

has presented an oral communication entitled

**On the N-H hydrogen Bond**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Sheila López Rosa**

has presented an oral communication entitled

**Relativistics effects via LMC and Fisher-Shannon  
complexity measures**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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# CERTIFICATE

This is to certify that

**Elisa Isabel Martín Fernández**

has presented an oral communication entitled

**Cu(en)<sub>2</sub> Molecular Dynamics: Classical vs. Ab Initio**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Silvia Acosta**

has presented an oral communication entitled

**Physical properties of small water clusters in low and moderate electric fields**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Rodrigo Navarro Pérez**

has presented an oral communication entitled

**Relativistic quantum mechanics and hypercritical fields**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Juan José Omiste Romero**

has presented an oral communication entitled

**Theory of mixed-field orientation of linear molecules: Loss  
of adiabaticity**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Ix-Berenice García Ferreira  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Ignacio Ruiz**

has presented an oral communication entitled

**Strangeness production in neutrino reactions**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

# J2IFAM 2012

Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Juan Manuel Cornejo**

has presented an oral communication entitled

**Detección de Corrientes inducidas por núcleos exóticos  
almacenados en vacío a baja energía**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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on behalf of the Organizing Committee



# CERTIFICATE

This is to certify that

**Ángel Guerrero Martínez**

has presented an oral communication entitled

**Medidas de Complejidad**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Wilfredo González Infantes**

has presented an oral communication entitled

**Fluence and energy spectra for photon beams: A Monte Carlo study**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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Juan José Omiste Romero  
on behalf of the Organizing Committee

# CERTIFICATE

This is to certify that

**Ana Majtey**

has presented an oral communication entitled

**The relationship between quantum entanglement and  
energy in two-electrons system**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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# CERTIFICATE

This is to certify that

**Peter Alexander Bouvrie**

has presented an oral communication entitled

**The Generalized Quantum Similarity Index and the  
Geometric Rényi divergence: Applications to atomic  
densities**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y  
Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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# CERTIFICATE

This is to certify that

**Ix-Berenice García Ferreira**

has presented an oral communication entitled

**Monte Carlo simulation of a medical linear accelerator: A comparative study of Geant3, PENELOPE and Geant4**

at the conference “IV Jornadas de Jóvenes Investigadores en Física Atómica y Molecular (J2IFAM2012)” held in Granada (Spain) February 1-3, 2012

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