

Programa definitivo, 26 Enero 2007

Martes, 30 Enero 2007

- 18:00 - 20:30 **Inscripción, recogida de documentación y acreditación**, en el Euroforum Infantes, San Lorenzo de El Escorial, Madrid.
- 20:30 - 21:15 **Cocktail de recepción en Euroforum para todos los inscritos**

Miércoles, 31 Enero 2007

- 9:00 **Inscripción, recogida de documentación y acreditación**
- 9:30 - 10:00 **Inauguración de la Conferencia**
Javier Uceda, Rector UPM
Autoridades Antonio Luque, Director del Instituto de Energía Solar, IES-UPM
Carlos Algora, Presidente de la Conferencia, IES-UPM

SESION A: Presidente: Carlos Algora - IES-UPM

- 10:00 - 10:40 Conferencia invitada:
A. Luque - IES-UPM
Conversión fotovoltaica de alta eficiencia en el IES-UPM
- 10:40 - 11:00 D. Alonso-Alvarez, A. González-Taboada, B. Alén, J. M. Ripalda, D. Granados, J. M. García
Photodetection applications of InAsSb/GaAs self-assembled quantum dots (O6.3)
- 11:00-11:20 R. Gargallo-Caballero, M. Sanz, A. Guzmán, E. Calleja, E. Muñoz
High temperature multiquantum Dot Infrared Photodetectors using InAs self-assembled Quantum Dots (O6.5)
- 11:20-11:50 Descanso y café

SESION B: Presidente: Juan A. López Villanueva - Universidad de Granada

- 11:50-12:10 I. Íñiguez de la Torre, J. Mateos, T. González, D. Pardo, S. Bollaert, Y. Roelens, A. Cappy
Surface charge effects in Ballistic T-Branch Nanojunctions (O2.7)
- 12:10-12:30 G. Albareda, J. Suñé, X. Oriols
Semi-classical study of the limitations of the "mean-field" approximation for the accurate simulation of nanometric devices (O2.18)
- 12:30-12:50 H. Odriozola, J.M.G. Tijero, L. Borrueal, S. Sujecki, E.C. Larkins, I. Esquivias
Simulation of Tapered Lasers with Separate Contacts (O2.21)
- 12:50-13:10 J. Carreras, O. Jambois, Y. Lebour, M. Peralvarez, P. Pellegrino, B. Garrido
Dynamical transport modeling in dielectric matrices containing quantum dots for memory applications (O2.17)
- 13:10-13:30 A.J. García-Loureiro, K. Kalma, A. Asenov
Implementation of a quantum corrections in a 3D parallel drift-diffusion simulator (O2.12)

6ª Conferencia de Dispositivos Electrónicos 2007 (6ª CDE)
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San Lorenzo de El Escorial, Madrid

13:30-15:30

Comida

SESION C: Presidente: Lluís Marsal - Universidad Rovira y Virgili

15:30-16:10

Conferencia invitada:

Francisco Meseguer - ICMM-CSIC/UPV

Cristales fotónicos basados en coloides. Aplicaciones a células solares fotoelectroquímicas.

16:10-16:30

E. Miranda, J. Tinoco, I. Garduno, M. Estrada, A. Cerdeira

Post-breakdown conduction in SiO₂/TiO₂ gate stacks (O3.11)

16:30-16:50

J.A. Jiménez Tejada, M.J. Deen, P. Lara Bullejos, J.A. López Villanueva, F.M. Gómez-Campos, S. Rodríguez-Bolívar

Characterization of impurities in GaInNAs pn junctions from capacitance transient spectroscopy (O3.7)

16:50-17:10

Descanso y café

17:20-18:40

SESION DE POSTERS. Areas 1, 2, 3 y 6

P1.2

V. Khatko, G. Gorokh, A. Mozalev, D. Solovei, E. Llober, X. Correig

Nanostructured Anodic Tungsten Oxide Films with Column Structure

P1.3

V. Khatko, G. Gorokh, A. Mozalev, D. Solovei, E. Llobet, X. Correig

Features of WO₃ Films Deposited on Nanoporous Alumina Template

P1.4

T. Trifonov, M. Garín, L.F. Marsal, J. Pallarés, A. Rodríguez, R. Alcubilla

Towards more complex shapes of macroporous silicon

P1.5

J.M. Rafi, L. Cardona-Safont, M. Zabala, F. Campabadal, G. Pellegrini, M. Lozano

Evaluation of surface passivation layers for bulk lifetime estimation of high resistivity silicon for radiation detectors

P1.7

I. García, B. Galiana, I. Rey-Stolle, C. Algora

MOVPE technology for the growth of III-V semiconductor structures

P1.8

P. López, L. Pelaz, L.A. Marqués, I. Santos, J.A. Van den Berg

Atomistic Simulation of Damage Accumulation during Shallow B and As implant into Si

P1.9

G. del Coso, C. del Cañizo, I. Tobías, A. Luque

Increase on Siemens reactor throughput by tailoring temperature profile of polysilicon rods

P1.10

M. Aboy, L. Pelaz, P. López, J. Montserrat, F.J. Bermúdez

Boron electrical activation in SOI compared to bulk Si substrates

P1.11

S. Ponce-Alcántara, C. del Cañizo, J. Hofstetter, A. Luque

The effect of rf and mw power on the Si_nx films grown by PECVD

P1.12

I. Santos, L.A. Marqués, L. Pelaz, P. López

Molecular dynamics study of damage generation mechanisms in Silicon at the low-energy regime

P1.13

L. Vojkuvka, L.F. Marsal, J. Pallares

Study of Porous Alumina Porosity after Pore Widening Process

- P1.14 L.A. Marqués, L. Pelaz, I. Santos, V.C. Venezia
Molecular dynamics simulation of octadecaborane implantation into Si
- P2.1 P. Moreno, R. Picos, M. Roca, E. García-Moreno, B. Iñiguez, M. Estrada
Parameter Extraction Method using Genetic Algorithms for an Improved OTFT Compact Model
- P2.2 E. Amselem, B. González, J. García, I. Aldea, M. Marrero, A.G. Iturri, J. del Pino, S.L. Khemchandini, A. Hernández
Influence of gate geometry in integrated MOS Varactors on accumulation mode for RF
- P2.3 J. Ricart, J. Pons, M. Domínguez
Iterative maps for the nonlinear Pulsed Digital Oscillator for MEMS
- P2.4 F.G. Ruiz, A. Godoy, F. Gámiz, L. Donetti, C. Sampedro
Study of the corner effects on Pi-Gate SOI MOSFETs
- P2.5 F. Chavez, D. Jiménez, J. Suñé
Simulation of the Gate Leakage Current in Symmetric DG MOSFETs Based on an Analytic Potential Model
- P2.6 B.G. Vasallo, T. González, D. Pardo, J. Mateos, N. Wichmann, S. Bollaert, A. Cappy
Monte Carlo Comparison Between InAlAs/InGaAs Double Gate and Standard HEMTs
- P2.8 J. Mateos, S. Pérez, I. Iñiguez de la Torre, D. Pardo, T. González
Monte Carlo simulation of AlGaIn/GaN heterostructures
- P2.9 C. Sampedro, F. Gámiz, A. Godoy, L. Donetti, F.G. Ruiz
Quantum corrected EMC simulation of ultrashort DGSOI devices. Ballistic vs. Diffusive regime
- P2.10 N. Seoane, A. García-Loureiro, K. Kalna, A. Asenov
Analysis of the impact of intrinsic parameter fluctuations in a 50 nm InP HEMT
- P2.13 P. Espinet, B. Galiana, M. Baudrit, I. Rey-Stolle, C. Algora
Modelling Germanium p-n junctions for multijunction solar cell applications
- P2.14 M. Aldegunde, A.J. García Loureiro, K. Kalna, A. Asenov
Mesh Generation for Atomistic" Simulation of nanometre scale MOSFETs
- P2.15 M.A. Ustyantsev, L.F. Marsal, J. Ferré-Borrull, J. Pallarés
Effect of the Dielectric Background on the Quality Factors of Silver Metallo-Dielectric Photonic Crystals
- P2.16 E. Pascual, R. Rengel, M. J. Martín
Monte Carlo analysis of quantum tunnelling and thermionic transport in a reverse biased Schottky diode
- P2.19 J.M.G. Tijero, H. Odriozola, L. Borrueal, I. Esquivias
Quasi-3D model of edge-emitting lasers accounting for coherent and incoherent coupling of lateral modes
- P2.20 S. Silvestre, A. Chouder
Shading effects in characteristic parameters of PV modules
- P2.11 J. Arias, L. Borrueal, B. Romero, I. Esquivias
Two-dimensional Simulation of Current Self-Distribution in Oxide-Confined Vertical-Cavity Surface-Emitting Lasers

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- P2.22 O. Moldova, B. Iñiguez, D. Jiménez, J. Roig
New Explicit Charge and Capacitance Models for Undoped Surrounding Gate MOSFETs
- P2.23 S. Pérez, J. Mateos, D. Pardo, T. González
InAlAs/InGaAs heterostructures for THz generation
- P2.24 J. Hofstetter, S. Ponce-Alcántara, C. del Cañizo, A. Luque
Optimisation of anti-reflection coatings for silicon solar cells consisting of SiNx:H
- P3.1 R. Fernández, J. Martín-Martínez, R. Rodríguez, M. Nafría, X. Aymerich
Effects of dielectric degradation and breakdown in MOSFETs characteristics. Impact on digital and analog circuits
- P3.2 V. Izquierdo, A. Pérez-Rodríguez, L. Calvo-Barrio, A. Romano-Rodríguez, J.R. Morante, J. Alvarez-García, O. Ramdani, V. Bermudez, P.P. Grand, L. Parissi, O. Kerrec
Electrodeposited CuIn(S,Se)₂ films for low cost high efficiency solar cell applications: microstructural analysis
- P3.3 R. Vergaz, D. Barrios, J.M. Sánchez-Pena, C. Pozo, J.A. Pomposo
Electrical characterization of new electrochromic devices
- P3.4 F. González-Posada, A.F. Braña, D.L. Romero, M.F. Romero, A. Jiménez, A. Arranz, C. Palacio, E. Muñoz
2-DEG Characteristics Improvement by N₂-plasma exposure in HEMT heterostructures
- P3.5 S. Díez, M. Ullán, F. Campabadal, M. Lozano, G. Pellegrini
SiGe Bipolar Transistors for Rad-Harsh Environments
- P3.6 L. Aguilera, E. Amat, R. Rodríguez, M. Porti, M. Nafría, X. Aymerich
Nanoscale and device level reliability of high-k dielectrics based CMOS nanodevices
- P3.8 F.J. Franco, R. Velazco
A Portable Low-Cost SEU Evaluation Board for SRAMs
- P3.9 M.C. López, B. Galiana, C. Algora, I. Rey-Stolle, M. Gabas, J.R. Ramos-Barrado
ARXPS characterization of GaAs/InGaP heterointerface grown by metal organic vapor phase epitaxy
- P3.10 A. Villafranca, J. Lasobras, I. Garcés
Precise characterization of the frequency chirp characteristics of directly modulated semiconductor lasers
- P6.1 Martín, G. Rius, N. Mestres, F. Pérez-Murano, E. Lora-Tamayo, P. Godignon
Local Growth of Carbon Nanotubes by Thermal Chemical Vapour Deposition from Iron Based Precursor Nanoparticles
- P6.2 F.M. Gómez-Campos, S. Rodríguez-Bolivar, J.A. López-Villanueva, J.E. Carceller
Band Nonparabolicity Effects in Quantum Dots
- P6.6 R. Casquel, M. Holgado, B. Sánchez
Micro-nano structures as photonic sensors based on integrated reflectivity, ellipsometry and spectrometry measurements

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- P6.7 D. Jiménez, M. Dubois, S. Roche
Disilicide contacted silicon nanowire field-effect transistors
- P7.6 M.J. Martín, R. Rengel, E. Pascual, T. González
Monte Carlo analysis of carrier transport from diffusive to ballistic regime in nanometer SOI MOSFETs

Jueves, 1 febrero 2007

SESION D: Presidente: Antonio García Loureiro - Universidad de Santiago de Compostela

- 10:00-10:40 Conferencia invitada:
Juan C. Yelmo - Subdirector de Doctorado y Postgrado - ETSIT-UPM
Nuevos estudios de postgrado adaptados al Espacio Europeo de Educación Superior
- 10:40 - 11:00 O. Jambois, A. Pérez-Rodríguez, P. Pellegrino, J. Carreras, M. Perálvarez, C. Bonafos, S. Schamm, A. Claverie, B. Garrido
Electroluminescence from C and Si rich thin silicon oxides in continuous wave and pulsed excitation (O1.1)
- 11:00 - 11:20 L. Pelaz, L.A. Marqués, M. Aboy, P. López, I. Santos
Physics based models for process optimization (O1.6)

11:20-11:50 Descanso y café

SESION E: Presidente: Javier Gutiérrez - IFA - CSIC

- 11:50-12:10 J.P. Esquivel, N. Torres, N. Sabaté, J. Santander, C. Cané
A Silicon-Based Direct Methanol Micro Fuel Cell (O4.17)
- 12:10-12:30 A. Lázaro, D. Girbau, L. Pradell, A. Nebot
Non linear actuation model for lateral electrostatically-actuated DC-contact RF MEMS series switches (O4.15)
- 12:30-12:50 M. Aresti, N. Torres, F.J. Gracia
Planar Microelectrodes on Flexible Polymeric Substrates for Cochlear Implants (O4.5)
- 12:50-13:10 I. Sayago, E. Terrado, M.C. Horrillo, M. Aleixandre, M.J. Fernández, H. Santos, E. Lafuente, W.K. Maser, A.M. Benito, M.T. Martínez, J. Gutiérrez, E. Muñoz
NO₂ detection with single walled carbon nanotubes (O4.21)
- 13:10-13:30 E. Valera, J. Ramón-Azcón, A. Rodríguez, L.M. Castañar, F.J. Sánchez, M.P. Marco
HF response of a novel biosensor based on interdigitated μ -electrodes (ID μ Es) (O4.10)

13:30-15:30 Comida

SESION F: Presidente: José Millán - IMB-CNM-CSIC

- 15:30-16:15 Conferencia invitada:
José L. Martínez - MEC
El Plan Nacional de I+D y la financiación de proyectos de investigación en el sistema público.
- 16:15-16:30 Turno de preguntas sobre el Plan Nacional
- 16:30-16:50 I. Cortés, P. Fernández-Martínez, D. Flores, S. Hidalgo, J. Rebollo
Punch-through Effects in RF Bulk LDMOS Transistors (O7.7)
- 16:50-17:10 Descanso y café
- 17:20-18:40 **SESION DE POSTERS. Areas 4, 5, y 7**
- P4.1 S. Vallejos, V. Khatko, J. Calderer, E. Llobet, X. Correig
WO₃ Sensors Selective to Oxidizing Gases
- P4.2 R. Rubio, J. Santander, L. Fonseca, N. Sabaté, I. Gràcia, C. Cané, S. Udina, S. Marc
Substance discrimination using a Non-selective NDIR array
- P4.3 R. Ionescu, E.H. Espinosa, C. Bittencourt, A. Felten, J.J. Pireaux, X. Correig, E. Llobet
Selective NO₂ Gas Sensing with MWCNT Decorated with Au and Ag Metallic Nanoclusters
- P4.4 E. Valera, O. Casal, M. Vetter, A. Rodríguez
μ-Porous Silicon (μPS) gas sensor based on interdigitated μ-electrodes (IDμEs)
- P4.6 A. Prim, E. Pellicer, E. Rossinyol, F. Peiró, A. Cornet, J.R. Morante
A novel resistive CO₂ sensor based on mesoporous CaO-loaded In₂O₃
- P4.7 E.H. Espinosa, R. Ionescu, B. Chambon, G. Bedis, E. Sotter, C. Bittencourt, A. Felten, J.J. Pireaux, X. Correig, E. Llobet
Hybrid Metal Oxides/MWCNT Materials Employed for Gas Detection at Low Operating Temperatures
- P4.8 J.A. Etxeberria, F.J. Gracia
High Q factor RFMEMS Tunable Metallic Parallel Plate Capacitor
- P4.9 R.G. Pavelko, A.A. Vasiliev, X. Vilanova, A.V. Sokolov, V.G. Sevastianov, V. Guarnieri, L. Lorenzelli, N.N. Samotaev, B. Podlepetski
Sensing YSZ Nano-Material for Thermocatalytic Micromachined Gas Sensor with Improved Selectivity
- P4.11 J.D. Molinero, L. Castañer
Dielectric charging in MEMS swiches after ion-gun irradiation
- P4.12 M. Narducci, E. Figueras, I. García, L. Fonseca, J. Santander, C. Cané
Dimension-Scaling of Microcantilevers Resonators
- P4.13 G. Villanueva, G. Rius, J. Montserrat, F. Pérez-Murano, J. Bausells
Piezoresistive Microcantilevers for Biomolecular Force Detection

- P4.14 F. Blanco, P. Ivanov, M. Vinaixa, X. Vilanova, I. Gracia, C. Cané, X. Correig
Development and Optimization of Pre-Concentrator for Enhanced Benzene Detection
- P4.16 R.G. Pavelko, A.A. Vasiliev, S.Yu Gogish-Klushin, D. Yu Kharitonov, O.S. Gogish-Klushina
Micromachined Alumina Membranes for Gas sensors and IR Radiation Source
- P4.18 E. Pellicer, A. Prim, E. Rossingyol, F. Hernández-Ramírez, F. Peiró, A. Cornet, J.R. Morante
NO₂ resistive gas sensor based on mesoporous chromium-catalyzed tungsten oxide
- P4.19 P. Ivanov, F. Blanco, I. Gracia, N. Sabaté, A. Ruiz, R. Rubio, X. Vilanova, X. Correig, L. Fonseca, E. Figueras, J. Santander, C. Cané
Silicon μ -preconcentrator for improved gas detection
- P4.20 M. Duch, J. Esteve, R. Gómez, J.A. Plaza, L. Barrios, E. Ibáñez, E. Fernández, C. Nogués
Micro-Nano Devices for Single Living Cell Studies
- P4.22 M. Aleixandre, P. Corredera, M.L. Herranz, J. Gutiérrez-Monreal
Study of a palladium coated Bragg grating sensor to detect and measure low hydrogen concentrations
- P4.23 S. González-Castilla, J. Malo, L. Vergara, J. Olivares, M. Clement, I. Izpura, J. Sangrador, E. Iborra
MEMS actuated piezoelectrically with AlN films
- P4.24 R.G. Boela, A. Luque, J.M. Quero
Manufacturing and characterization of a pressure sensor based on capacitance MEMS
- P4.25 F.A. Perdigones, A. Luque, A. M. Gañán-Calvo, J. Estevé, J. Montserrat, J.M. Quero
Towards a microsystem of multiple production of micro-drops manufactured on silicon
- P4.26 A. C. Perinotto; V. Zucolotto; L. Caseli; M.L. Rodriguez; B. Gonzalez; O. N. Oliveira Jr
Immobilization of Alcohol dehydrogenase in layer-by-layer films for ethanol detection using electrical capacitance measurements
- P5.1 C. Vázquez, J. Alonso, M.A. Vázquez, J.R. Ramos-Barrado
Role of doping and thickness of emitter in the efficiency of monocrystalline Si solar cells
- P5.3 X. Quintana, M.A. Geday, B. Cerrolaza, D. Pérez-Medialdea, J.M. Otón
Measurement of Pretilt Angle and Cell Gap in Reflective Vertically Aligned Nematics
- P5.4 J.A. López Villanueva, V. Díaz, S. Rodríguez Bolívar, J.A. Jiménez Tejada, E. Rodríguez
A Multijunction Solar Cell Simulation Program for the Development of Concentration Systems
- P5.5 A.R. Alija, L.J. Martínez, P.A. Postigo
Coupled-Nanocavity Ring-Like Photonic Crystal Structures for Enhanced Single-Mode Laser Emission
- P5.7 X. Quintana, J.M. Otón, N. Bennis, H. De Smet, H. De Pauw, R. Dabrowski, P. Kula, M.A. Geday
See-through Passive Antiferroelectric Helmet-Mounted Liquid Crystal Display
- P5.9 R. Peña, C. Algora
Evaluation of the Limiting Efficiencies of Photovoltaic Converters under Monochromatic Illumination

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- P5.10 J.M. Otón, X. Quintana, M.A. Geday, N. Bennis, et al.
A 4k projection display for D-cinema, medical imaging and simulation
- P5.12 M-A. Geday, V. Urruchi, N. Bennis, A. Spadlo, E. Martinelli, G. Galli, X. Quintana, J.M. Otón
Highly asymmetric antiferroelectric liquid crystal displays
- P5.13 A. Datas, C. Algora, V. Corregidor, D. Martín
Thermophotovoltaic Electricity: Power from Thermal Radiation
- P5.14 P. Ortega, S. Bermejo, M. Vetter, L. Castañer
High Voltage Photovoltaic Mini-modules Using Silicon on Insulator Technology
- P5.18 Z. Král, J. Gerrer-Borrull, L.G. Marsal, J. Pallarés
Analysis of 2D-photonic crystal lattice using Bragg-diffraction
- P5.19 A. Rodríguez Alija, L.J. Martínez, P. A. Postigo, et al.
Theoretical and experimental study of the Suzuki-phase photonic crystal lattice by angle-resolved photoluminescence spectroscopy
- P5.20 J. Pereiro, C. Rivera, J.L. Pau, A. Navarro, S. Fernández-Garrido, R. Czernecki, s. Grzanka, M. Leszczynski, E. Muñoz
Design of InGaN based photodetectors by internal field engineering
- P5.21 J. Ferré-Borrull, E. Xifré-Pérez, L.F. Marsal, J. Pallarés
Real metals in metallo-dielectric photonic crystals in the visible
- P5.22 E.J. Palomares
Optical and Electrochemical Active Molecules and their application on Molecular Photovoltaic Devices.
- P5.23 J. Coello, C. del Cañizo, A. Luque
Reduction of thermal load in the fabrication process of bifacial silicon solar cells
- P5.24 B. Arredondo, B. Romero, X. Quintana, A. Gutiérrez-Llorente, A.L. Alvarez, R. Mallavia, J.M. Otón.
Novel lithographic technology for OLED-based display manufacturing
- P5.25 F. Suárez, D. Fuster, L. González, Y. González, J.M. García, M.L. Dotor
Self-assembled InAs quantum wires lasers on (001) InP at 1.6 μm
- P5.26 M. Perálvarez, J. Barreto, J. Carreras, C. Domínguez, B. Garrido
Light emitting devices in the visible obtained by PECVD and ion implantation
- P5.27 M.A. Geday, X. Quintana, N. Bennis, B. Cerrolaza, D. Pérez-Medialdea, J.M. Otón
Automated characterisation system for liquid crystal displays
- P5.28 A. Navarro, C. Rivera, R. Cuerdo, J.L. Pau, J. Pereiro, E. Muñoz
Noise study in photodiodes based on InGaN/GaN MQW
- P5.29 A.R. Alija, L.J. Martínez, Y. González, L. González, P.A. Postigo
Modification of the reflectance spectrum of III-V semiconductor slabs by two-dimensional photonic crystals
- P7.1 J.M. López-González
Emitter Pedestal Design og GaInP/GaAs Heterojunction Bipolar Transistors
- P7.2 A. Lázaro, B. Nae, O. Moldovan, B. Iñiguez
A CAD Model of Nanoscale Double-Gate MOSFET for RF and Noise Applications Including Quantum and Non-stationary effects

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- P7.3 A. Lázaro, B. Nae, O. Moldovan, B. Iñíguez
A Compact Quantum Model of Nanoscale Double-Gate MOSFET for RF and Noise Simulations
- P7.4 A. Goñi, J. del Pino, J. García, B. González, S.L. Kemchandani, A. Hernández
A Physical-based Method for Parameter Extraction of On-Chip Spiral Inductor
- 21:00 **Cena de Gala** en el restaurante "La Cueva" de S. Lorenzo de El Escorial

Viernes, 2 Febrero 2007

SESION G: Presidente: Javier Gracia - CEIT

10:00 - 10:40 Conferencia invitada

Emilio Lora Tamayo - UAB-CNM

Nanotubos de carbono ¿Más allá del CMOS?

10:40 - 11:00 A.C. Pan, C. del Cañizo, A. Luque

Effect of thickness on bifacial silicon solar cells (O5.2)

11:00-11:20 R. Ferre, I. Martín, P. Ortega, M. Vetter, M. Garín, R. Alcubilla

c-Si surface passivation for photovoltaic applications by means of antireflective amorphous silicon carbide layers (O5.8)

11:20-11:50

Descanso y café

SESION H: Presidente: Ignacio Rey-Stolle - IES-UPM

11:50-12:10 B. Galiana, I. García, J.R. González, M. Baudrit, I. Rey-Stolle, C. Algora

III-V Multijunction solar cells for concentrations around 1000X: The IES-UPM strategy (5.11)

12:10-12:30 C. Vázquez, P.C. Lallana, D.S. Montero, J.M.S. Pena, J.M. Otón

Optical Switch for Instrumentation Based on Liquid Crystals (O5.16)

12:30-12:50 C. Rivera, P. Misra, J.L. Pau, E. Muñoz, O. Brandt, H.T. Grahn, K.H. Ploog

Strained M-plane GaN for polarization-sensitive applications (O5.15)

12:50-13:10 D. Krautz, S. Cheylan, H. Bolink, A. Fraleoni-Morgera, J. Puigdollers, C. Voz, L. Setti, R. Alcubilla, G. Badenes

Single layer organic light emitting diode based on a thiophene polymer (O5.17)

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13:10-13:30

Acto de Clausura

13:30-15:30

Comida

16:00

Salida hacia el Instituto de Energía Solar - UPM (Opcional)

Ciudad Universitaria - Madrid

Duración estimada de la visita, 45'