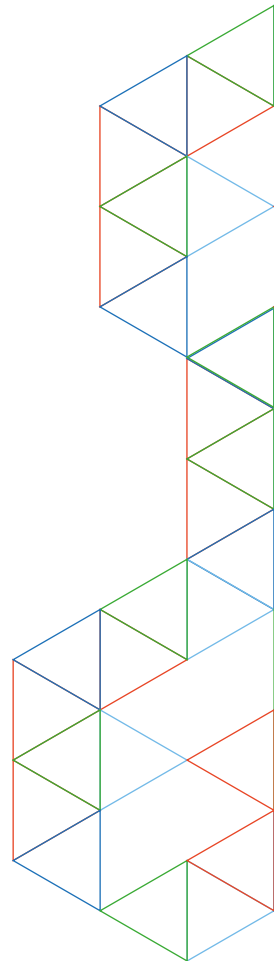




May 18th, 2016: “Modelling and Design for Photonics”

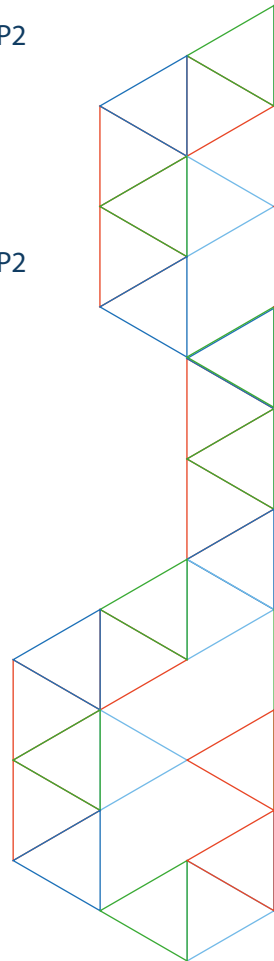
- 09.00** Registration of participants
- 09.20** Institutional Welcome
- 09.30** Invited PROMIS speaker 1: “Effective mass and k-p models for electronic structure of semiconductor heterostructures”
Dr. David Williams
Centre for Advanced Photonics & Process Analysis Cork Institute of Technology, Ireland
Chairman: David Sales / Sergio Molina
- 10.15** Invited PROMIS speaker 2: “Photoreflectance spectroscopy of electronic band structure for dilute nitrides”
Dr. Prof. Robert Kudrawiec
Institut of Physics. Wroclaw University of Technology, Poland
Chairman: David Sales / Sergio Molina
- 11.00** Coffee break
- 11.30** Invited PROMIS speaker 3: “Modeling and simulation of HAADF electron microscopy images”
Dr. M. Paz Guerrero and Guillermo Bárcena
Department of Engineering Informatics, Universidad de Cádiz, Spain
Chairman: Chee Hing Tan
- 12.15** Invited PROMIS speaker 4: “Strain modeling and strain mapping”
Prof. Dr. Pedro L. Galindo
Department of Engineering Informatics, Universidad de Cádiz, Spain
Chairman: Chee Hing Tan
- 13.00** Lunch





May 18th, 2016: “Modelling and Design for Photonics”

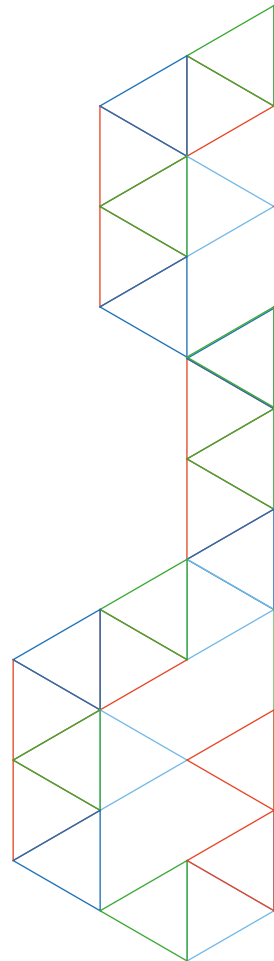
- 14.00** Invited PROMIS speaker 5: “Novel semiconductor materials and characterisation techniques for photonic devices”
Prof. Dr. Stephen Sweeney
Department of Physics. University of Surrey, U.K.
Chairman: Jose Luis Pau
- 14.45** Invited PROMIS speaker 6: “nCAD: a novel CAD like tool for the pre/post-processing at the atomic scale”
Dr. Guillermo Román-Pérez
Project Manager at Sgenia, Madrid, Spain
Chairman: Jose Luis Pau
- 15.30** Coffee break
- 16.00** Student presentations (WP1 and WP2)
10 minutes presentations (including 1-2 mins for questions) related to WP1 and WP2 in lecture room
Chairman: Anthony Krier / Allan Gordon
- 17.30** Interval
- 17.45** Student presentations (WP3 and WP4)
10 minutes presentations (including 1-2 mins for questions) related to WP1 and WP2 in lecture room
Chairman: Anthony Krier / Allan Gordon
- 19.00** Wrap up session
Chairman: Anthony Krier / Allan Gordon
- 20:00** Dinner (PROMIS delegates)





May 19th, 2016: “Modelling and Design for Photonics”

- 09.00** Invited non-PROMIS speaker 7: “III-V solar cell device modelling”
Dr. Alexandre Walker
Fraunhofer - Institut für Solare Energiesysteme, Freiburg, Germany
Chairman: Eric Tournie
- 09.45** Invited non-PROMIS speaker 8: “Modelling of efficient intermediate band-gap solar cells”
Prof. Dr. Antonio Martí
Professor of Electronics, Universidad Politécnica de Madrid, Spain
Chairman: Eric Tournie
- 10.30** Coffee break
- 11.00** Invited non-PROMIS speaker 9: “Modelling quantum dot materials as candidates for intermediate band solar cells”
Prof. Dr. Judy Rorison
Professor of Optoelectronics, University of Bristol, U.K.
Chairman: David Williams
- 11.45** Invited non-PROMIS speaker 10: “The nextnano software for the simulation of semiconductor heterostructures”
Dr. Stefan Birner
CEO at nextnano GmbH, München, Germany
Chairman: David Williams
- 12.30** Lunch
- 13.30** Work package development & networking
Co-ordinated by WP leaders; small group meetings for all WPs to discuss progress, secondments, deliverables & plans etc. with ESRs
- 16.00** Lab tour (Puerto Real). By bus from Cádiz city
- 18.30** Visit to a cellar and gala dinner (Jerez). By bus from Puerto Real
- 23.30** Return by bus to Cádiz hotel





II Workshop of the PROMIS NETWORK

Cádiz, Spain
18th to 20th May 2016



May 20th, 2016: "WPs discussions and Supervisory Board meeting"

- 09.00** Supervisory Board meeting.
(In parallel with ESR activities)
- ESR Training & Development
1 to 1 feedback on presentations and progress
of students
+
Practical session on the NEXTNANO software
Dr. Stefan Birner
- 11.00** Coffee break

Work Package Progress Discussions led by WP leaders

- 11.30** WP1 Materials for ICT
Led by Antonio Polimeni
Sapienza Universita' di Roma, Italy
- 11.45** WP2 Materials for Security
Led by Chee-Hing Tan
University of Sheffield, U.K.
- 12.00** WP3 Materials for Energy
Led by Eric Tournié
Université Montpellier 2, France
- 12.15** WP4 Materials for Environment
Led by Tony Krier
Lancaster University, U.K.
- 12.30** Wrap up discussion
- 13.00** Lunch and close of meeting
- 14.00** Depart



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