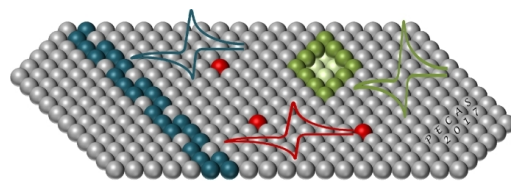




Photo-ElectroCatalysis at the Atomic Scale (PECAS)



27.Jun - 30.Jun 2017

Cód. Z7-17

Mod.:

Presencial

Edición

2017

Tipo de actividad

Workshop

Fecha

27.Jun - 30.Jun 2017

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

40 horas

Web

<http://pecas.dipc.org/>

DIRECCIÓN

Sara Barja, Ikerbasque, CFM-UPV/EHU, DIPC

Comité Organizador

Fundación
BBVA



Descripción

The school on PhotoElectroCatalysis at the Atomic Scale (PECAS) is aimed at promoting various opportunities for interdisciplinary discussion of scientists and students of physics, material science, chemistry and electrochemistry in addition to presentation of new results, ideas and methods in the field of photo- and electrochemical properties of novel materials.

Topics:

- *In situ* and *in operando* electrochemistry-surface science techniques and methods
- Energy conversion from photon and chemical energy to electrical energy
- Electrocatalysts for water splitting and CO₂ reduction
- Local active sites on solid surfaces: reactivity of defects
- Chemical engineering and synthesis of photoelectrochemical systems
- Novel materials for electrochemical energy storage
- Electrochemical biosensors
- Theoretical modeling

Organizing committee:

- Dr. Sara Barja (Chair) (Ikerbasque, CFM-UPV/EHU, DIPC)
- Dr. Celia Rogero (CFM-CSIC-UPV/EHU, DIPC)
- Prof. Mato Knez (Ikerbasque, CiCNanogune)
- Karmela Alonso (secretary) (DIPC)

Objetivos

PECAS scopes the integration of electrochemistry and surface science research areas towards the understanding of the nature of the electrode-solution interface at an atomic level. Leading experts across the different disciplines will present the latest experimental and theoretical efforts in the field of photo- and electrochemistry on surfaces, promoting in depth discussions between students and scientific community from both fields.

The school will be taught at the postgraduate level in the fields of surface science and electrochemistry, but introductory seminars (tentatively 12 invited seminars) will be specially addressed to introduce master and graduate students from Chemistry and/or Physics in each topic covered in the school.

Colaboradores específicos del curso



Dirigido por:



Sara Barja

Ikerbasque, CFM-UPV/EHU, DIPC

Precios matrícula

REGISTRATION	HASTA 15-05-2017	HASTA 06-06-2017
Invited Speaker	0 EUR	0 EUR
Scholarship Students	100,00 EUR	150,00 EUR
Attendant	250,00 EUR	300,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa