



13 th European Conference on Surface Crystallography and Dynamics (ECSCD13)



19.Jun - 21.Jun 2017

Cód. Z2-17

Mod.:

Presencial

Edición

2017

Tipo de actividad

Workshop

Fecha

19.Jun - 21.Jun 2017

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

30 horas

Web

<http://ecscd13.dipc.org/>

DIRECCIÓN

María Blanco Rey, Departamento de Física de Materiales, Universidad del País Vasco UPV/EHU,

Comité Organizador



Descripción

The European Conference on Surface Crystallography and Dynamics (ECSCD) is aimed at discussing the recent advances on the characterization of dynamical processes and structure of surfaces, as well as their interplay, at the atomic length scale. The first edition of the conference took place in 1985 in Erlangen (Germany), and it has become a well established meeting point for the surface science community. In its 13th edition, it will tackle two-dimensional materials, single molecules on surfaces, characterization by LEEM and PEEM, oxides, and other representative topics of present-day surface science. Following the ECSCD tradition, networking between experimentalists and theoreticians will be encouraged, bringing together experienced and young researchers working in the field.

Organizing Committee:

- **María Blanco-Rey (chair)** , UPV/EHU
- **Martina Corso**, CFM-CSIC-UPV/EHU
- **Aran García-Lekue**, DIPC
- **Celia Rogero**, CFM-CSIC-UPV/EHU
- **Karmela Alonso Arreche (secretary)**, DIPC

Objetivos

The ECSCD takes place every two or three years. The first edition took place in 1985 in Erlangen (Germany), and it has become a well established meeting point for the surface science community. It is aimed at discussing the recent advances on the characterisation of the structure and dynamical processes of surfaces.

1. Sustain and strengthen the status of the ECSCD series as a popular international meeting point for surface scientists.
2. The 13th edition in 2017 will temptatively cover the following list of topics: (i) single molecules on surfaces, (ii) dynamical processes, (iii) graphene and two-dimensional materials, (iv) advances in surface characterization by LEEM and PEEM, (v) nanostructured surfaces, (vi) oxide surfaces, and (vii) reactions on surfaces. Temptatively, there will be three keynote talks and 12 invited talks representative of those topics.
3. The conference allows for expertise exchange between researchers working on a wide variety of experimental techniques for surface characterisation. Methods range from traditional vacuum surface science to high-pressure environments, X-ray spectroscopies, electron microscopies, etc. On the theoretical side, we expect a number of researchers who perform density-functional-theory-related studies, as well as other approaches that serve to interpret experimental data. Interaction between experimentalists and theoreticians will be encouraged.
4. The scope of ECSCD will attract many local research groups with interest in surface science, which are based in UPV/EHU, DIPC, CFM-CSIC-UPV/EHU, NanoGune, etc. It will thus promote the visibility of this broad community of local researches.

Colaboradores específicos del curso



Dirigido por:



María Blanco Rey

Departamento de Física de Materiales, Universidad del País Vasco UPV/EHU, Personal Doctor Investigador
Permanente

Precios matrícula

REGISTRATION	HASTA 07-06-2017
Invited Speaker	0 EUR
Reduced fee (	200,00 EUR
Regular Fee	300,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa