## ecoss European Conference 31 on Surface Science



# ecoss European Conference on Surface Science

Barcelona
31 August - 4 September
2015

### Topics to be covered

- Adsorption and desorption
- → Band structure of surfaces
- Catalysis under ideal and real conditions
- Colloids and Interfaces
- → Corrosion at the atomic scale
- → Electrochemistry at surfaces
- Electronic properties of surfaces
- Graphene and carbon-based nanomaterials
- Liquid/solid and liquid/liquid interfaces
- Materials for Energy: photovoltaics, solar and fuel cells, etc.
- Metal, alloy and quasicrystal surfaces
- Molecules at surfaces
- Novel and advancement of experimental and computational methods
- → Oxide surfaces and thin/ultra-thin oxide films
- →Optoelectronic excitations at surfaces

- Piezo and ferroelectricity at surfaces
- Polymer surfaces and interfaces
- Real-time processes at surfaces
- → Self-assembly at surfaces
- Semiconductor surfaces
- → Superconductivity in 2D materials
- Surface chemical reactions, kinetics and heterogeneous catalysis
- Surface diffusion and growth
- → Surface dynamics
- Surface magnetism
- Surface phases and phase transitions
- → Surface structure
- Strong correlations at surfaces
- → Topological insulators
- Tribology and mechanical properties at the atomic scale

#### **Dates for your agenda**

June 30th, 2015: Early registration deadline May 11th, 2015: Abstracts submission deadline

June 11th, 2015: Notification of acceptance of the abstracts

July 11th, 2015: Author payment deadline

#### **Registration fees**

	Early Bird Registration Before June 30, 2015	Regular Registration After June 30, 2015	Late Registration After August 15, 2015
Regular	550 €	600€	650 €
Student	275 €	325 €	375 €
Daily	200€	250 €	300 €
Accompanying Person	100 €	125 €	150 €

