



icsfs16
genoa, italy 2012
International Conference
on Solid Films and Surfaces
July, 1st - July, 6th 2012

1st announcement

16th edition of the International Conference
on Solid Films and Surfaces

Faculty of Architecture of the University of Genoa, Genoa (Italy).



ICSFS-16 will focus on recent advances in controlling and characterizing the physical and chemical properties of films and surfaces, with a particular emphasis on materials for electronic, photonic and spintronic applications, in addition to bio-functionalized structures and devices. ICSFS is strongly interdisciplinary, covering also nano and nano-bio science and technology, wherever surfaces are involved in the future devices. Also for this reason, the Conference traditionally hosts an exhibition space in which a vast selection of advanced and innovative scientific instrumentation is presented. It is expected to attract 350 to 400 participants from all over the world. The venue is an old monastery, situated on the hill where the first Genoa's inhabitants settled in pre-Roman times, and its gardens and terraces offer the most beautiful views on the city and the port.

Further details can be found at the conference site www.icsfs16.eu or by contacting icsfs16@fisica.unige.it

PLENARY Invited speakers:

David Cahen (Weizmann Institute of Science, Israel)

Walter de Heer (Georgia Institute of Technology, USA)

Hans Joachim Freund (Fritz-Haber-Institut der Max-Planck-Gesellschaft, Germany)

Pietro Gambardella (ICREA, Spain)

Masaru Tsukada (Tohoku University, Japan)

Main Topics are:

BIO-FUNCTIONALIZATION AND SENSING

METALLIC FILMS

CARBON BASED NANOSTRUCTURES AND GRAPHENE

NOVEL AND EMERGING METHODS

CATALYSIS AND SURFACE REACTIONS

OXIDE SURFACES AND FILMS

FILMS FOR PHOTOVOLTAIC APPLICATIONS

PHOTONICS, PLASMONICS AND MAGNETOPLASMONICS

FILM GROWTH

POLYMERS AND ASSEMBLY

FUEL CELLS AND HYDROGEN STORAGE

SELFASSEMBLED FILMS

MAGNETISM AND SPINTRONICS

SEMICONDUCTORS AND HYBRID FILMS

MECHANICAL CHARACTERIZATION AND TRIBOLOGY

SUPERCONDUCTING FILMS

Mario Rocca CHAIR - Riccardo Ferrando CO-CHAIR