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DEPARTMENT OF MOLECULAR SCIENCE AND NANOSYSTEMS

Seminars of the PhD Programme in Chemistry

Synthesis and Surface Covalent Grafting of Tripod-Shaped *p*-phenylenes

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**May 17th, 2018 at 11:00 in Sala del Consiglio ed. C11
in video conferenza da Ca' Foscari**

Abstract

Controlling the orientation, spacing and biocompatibility of functional moieties in organic thin films is a great challenge for the study of biomolecular interactions at interfaces or the design of biosensor devices. For this purpose, several chemical functionalization methods and adsorbates have been developed in order to obtain nanostructured thin films. Here I will present the results obtained in our research group at the University of Málaga regarding the functionalization of silicon and gold surfaces with tripod-shaped organic molecules.

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