Postdoctoral positions (1 + 1 years) are available from September 2005 for nano-functionalization of solid surfaces to produce specific surface properties.

The work will address two major tasks: i) functionalization of solid surfaces by LbL, self-assembled monolayers, and other of thin film formation techniques, ii) characterization on the micro- and nano-scale by spectroscopic and microscopic techniques in order to determine the surface molecular composition and structure, molecular interactions and orientation, surface dynamics. The work will be carried out in frame of the European projects. Applicants should have a strong background in biochemistry and/or physical chemistry and/or physics and be interested in the emerging field of nanotechnology, and have the ability to work in interdisciplinary and international environment.

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