



UT AUSTIN PORTUGAL 2019 ANNUAL CONFERENCE

Masterclass II *Tailoring Surfaces of Materials*

September 20, 13.30 – 17.30 (includes coffee break)

Venue: IB-S, Auditorium, 5th floor

Materials properties can be broadly classified into those resulting from bulk and those resulting from the characteristics of surfaces. Surfaces are considered two-dimensional defects and thus impact wear-resistance, wettability, biocompatibility, corrosion resistance, catalytic activity, thin film deposition, surface functionalization, surface segregation of elements, self-assembled monolayers.

In this context, the goal of this symposium is to bring together renowned researchers from various disciplines who are at the forefront of surface science and technology, and are contributing to improve a fundamental understanding of the role of surfaces in various applications. The symposium will also promote crosstalk at the intersections of frontiers in chemistry, physics, materials science and nanotechnology, by exploring and exposing several approaches for tailoring surfaces for specific applications/functionalities.

Speakers to be announced soon.

This Masterclass is being coordinated by:

1. [Brian Korgel](#), T. Brockett Hudson Professor of Chemical Engineering at [The University of Texas at Austin](#), USA
2. [Carla Silva](#), Chief Technology Officer of the [Center for Nanotechnology and Smart Materials \(CeNTI\)](#), Portugal
3. [Paulo Ferreira](#), Head of Department of Advanced Electron Microscopy, Imaging and Spectroscopy at the [International Iberian Nanotechnology Laboratory \(INL\)](#), Portugal

Target Audience: Academia and Industry. The participants should be researchers from academia and industry who deal with the preparation of material surfaces and would like to develop an understanding of surface properties.

Registration is free but limited to the number of seats available. Acceptance of participants will be made on a first-come, first-served basis.