



# 1<sup>ST</sup> WORKSHOP ON NANOPARTICLES ENGINEERING

From Synthesis to Characterization

The Instituto Superior de Engenharia do Porto, ISEP, and the PARALAB (scientific equipment trade representative), with the participation of Professor Eulália Pereira from University of Porto is organizing the 1st Workshop, to be held between 17th and 27th february, 2021, at the Chemical Engineering Department of ISEP.

**17<sup>th</sup> - 27<sup>th</sup> February, 2021**  
Chemical Engineering Department of ISEP

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If we divide a solid, bulk substance into smaller pieces, there is a dimension from which the resulting **nanoparticles** start to present different physical-chemical characteristics when compared to the starting material. These nanoparticles now play an appealing role in our daily life. Indeed they can be applied in nanomedicine, pharmaceutical, electronics, among others. The sky is the limit. The art of producing and manipulating these exciting nanoparticles can be called **Nanoengineering**.

## 17<sup>th</sup> - 27<sup>th</sup> February, 2021

### Chemical Engineering Department of ISEP

**Wed. 17/02**

17:00 - 20:00 A1

**Thrus. 18/02**

17:00 - 20:00 A1

**Fri. 19/02**

17:00 - 20:00 S1

**Sat. 20/02**

09:00 - 13:00 S2

**Mon. 22/02**

17:00 - 20:00 S3

**Tues. 23/02**

17:00 - 18:00 A3  
18:00 - 20:00 C1

**Wed. 24/02**

17:00 - 18:00 A4  
18:00 - 20:00 C2

**Thurs. 25/02**

17:00 - 18:00 A5  
18:00 - 20:00 C3

**Sat. 27/02**

09:00 - 13:00 C4

The formation is essentially practical and is intended to provide useful tools for the synthesis, purification and characterization of nanoparticles that can be used in numerous areas.

Ai – Theoretical presentation that will act as support for the following experimental demonstrations.

Si – Laboratory experimental activities focusing of the synthesis and purification procedures.

Ci – Laboratory experimental activities focusing of the nanoparticles characterization.