

Name of the Lecture	Micro and Nanotechnology
Level of the Lecture	Graduate
Length of the Lecture	25 minutes
Type of the Lecture	Online
Lecturer	Erwann Guenin
Lecturer Email	erwann.guenin@utc.fr
Aim of the Lecture	Discover the micro and nanoworld, their particularities and study some example in biomedicine and with 3D printing.
Content of the lecture	<ol style="list-style-type: none"> 1. Introduction to micro and nanotechnologies, history. 2. Definition of the macro, micro and nano scales 3. Size /properties 4. Preparation of micro-nano objects. Bottom up top down methodologies. 5. Applications and objects in the micro-scale and the nano-scale. Nanomedicine 6. Micro-nanotechnology and 3D printing
Recommended Sources	-
Language of the lecture	English
Learning Outputs	Know what is a micro or nanomaterial
	Comprehend properties at small sizes
	Explore the utilization of micro and nanotechnologies related to biomedicine and 3D printing