

RESEARCH PROJECT 2022-2023

Department/Area

Mechanical, Materials, Electrical, Electronics/Control, Telematics/CompSc, Management, Applied Mathematics, IIT

Title/Name

Sci-fi for engineers. New subject proposal. II

Abstract/Description

The purpose of this investigation is to create a new subject for engineers. It is intended to cover different science fields that are not usually included in the 'conventional' subject.

The procedure is as follows:

- 1- Define 5 topics/ technologies (20h of live lessons).
- 2- Make a technical summary of the technology to be covered
- 3- Select material to support the lesson based in SCI-FI books / films / TV
- 4- Create the Syllabus of the subject

Some examples

- Water and sustainability (Dune).
- Mobility of the future: From Hyperloop to Star Trek teleportation

Excluded: (Already developed)

- Time travel
- Autonomous vehicles
- AI and Morality
- Augmented reality
- Internet of drones

Prerequisites

Required	SCI fan
Recommended	

Supervisor(s)/Tutor(s)

Name(s)	Juan de Norverto
Email(s)	jnorvert@comillas.edu

Structure

Format	Semester (extensive, 15 weeks), Summer (intensive, preferably 8 weeks), Both are available
Workload	100 hours (4 ECTS)
Students	1, 2 <i>(5 items per student)</i>