

# RESEARCH PROJECT 2023-2024

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## Department/Area

Telematics/CompSc

## Title/Name

Generation of calendars for teachers and students

## Abstract/Description

Schedules in Comillas University are created using an commercial optimization tool called Bullet. This tool produces schedules in HTML and PDF format, but neither teachers nor students load this information into their electronic calendars.

The tool also comes with an API to request information about the schedule, that is returned in JSON format.

The objective of the project is to use the API to obtain schedule information in JSON format, then create an iCAL file (ICS) that anyone could load into the iPhone Calendar, Outlook or Google calendar.

## Prerequisites

Required	Programming skills in python.
Recommended	Previous experience with JSON and iCAL formats

## Supervisor(s)/Tutor(s)

## Structure

Format	Summer SAPIENS
Workload	
Students	1 or 2