



Platform for Mission Control Center

The goal of this project is to develop a software for the Mission Control Center to gather all necessary information for the mission and implement an optimization algorithm for the flight plan.

Laboratory:	eSpace
Number of students:	2 (Bachelor/Master)
Section:	IN, SC, MA, PH
Status:	Available



Description of the project

The goal of this project is two fold:

- Developing a software for the Mission Control Center (MCC), which would contain everything we need during the mission: flight plans, procedures, communications between the different members of Mission Control as well as with the analog base;
- Developing an optimization algorithm for the flight plan: if one of the activities/experiments has to be cancelled or postponed because of the weather, or unforeseen events, the planning would automatically adapt taking into account all the other constraints.

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