

GUIDELINES TSAI PROJECTS

5BIM

(2019/2020)

Objectives

- Build a processing pipeline to address a problem
- Reflect and be able to justify your choices
- Produce a validation and/or analysis at the end of the processing pipeline

Advices

1- **Methodological advices** : don't wait last minute for starting the project. Start early during classes and divide up the tasks to be done within the group well.

2- **Group constitution** : each project is carried out by a group of 2 to 4 students

3- **Project's realization** : each project must lead to the implementation of a program (matlab or python) that respond to the given issue. The total duration of the project is 5 weeks.

4- **Project's defense** : the presentation will last 15 minutes maximum and will be made in front of all 5BIM students with a video projector. Each member of the group will have to speak during the presentation. A demonstration of the program can be made during the presentation (if it doesn't take too much time to run).

5- **Items to give back on the day of the defense** :

- a **report** (2 pages max.) : you must present in it the approaches you have chosen (different steps, etc.), justify your choices, add some references (bibliography)
- the **project sources** : a clear program that can be easily run
- **result files** : txt/Excel/Libreoffice files that you consider important to save
- **presentation materials** : PowerPoint, Libreoffice, Beamer, ...

6- **Project's evaluation (for your guidance):**

- report : 4 pts
- project sources : 2 pts
- result analysis : 4 pts
- presentation : 4 pts (teachers) and 2 pts (students)
- answers to questions : 4 pts