

GUIDELINES TSAI PROJECTS

5BIM
(2020/2021)

Objectives

- Build a processing pipeline to adress 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 3 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.

4- **Project's defense** : the presentation will last 15 minutes maximum and will be done in video format. 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- **Presentation outline** :

- 1) Introduction
- 2) Material
- 3) Method
- 5) Results and Discussion
- 6) Conclusion

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

- a **README file** (2 pages max.) : as short file explaining your program including
 - a pipeline figure showing inputs, outputs and parameters
 - explanation about parameter optimisation
- the **project sources** : your program
- **presentation materials** : the presentation video

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

- presentation : 15 pts (teachers) and 2 pts (students)
- README file and sources : 3 pts