

Team project design

Friday the 14th

- 9am to 1 pm -> working on the project;
 - 2 pm to 4 pm -> presentation of the project.
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- You will design a project on a specific **domain of application**;
 - You will indicate two domains of interest from a list we will provide (or adding new ones);
 - You will be divided into group of **5 people** min and **10 people** max, according to the indicated domains;
 - Team project design is mandatory for people who need to take the exam;
 - Best two groups will be selected by an evaluation committee;
 - You can start your project as soon as groups are defined.



Choose a domain of application

1. Medical Imaging / medical data;
2. Environment / Sustainability;
3. Entertainment;
4. Cell and biology;
5. Robotics / HR / HMI;
6. Autonomous vehicle driving;
7. Assisted living/well-being;
8. Industrial applications.
9. Other (specify)

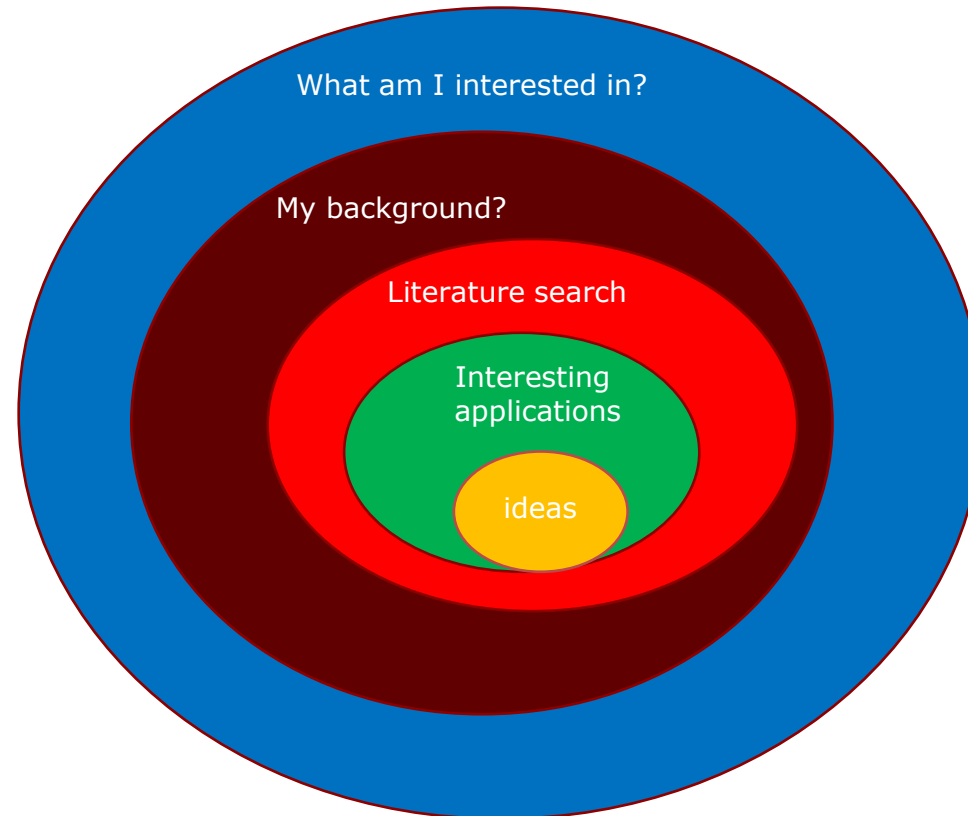
Team project design

1. Explore the literature, identify a possible challenge or problem that you can ideally try to solve;
2. Try to select potential datasets that can be used for such solution;
3. Identify technical solutions using the tools explored in the school;
4. Think about the impact, the expected results and the novelty of your idea;
5. Prepare a presentation for your project.

What to focus on for the presentation?

1. General description of the domain of application (open challenges, potential references, etc.) and the **rationale behind your idea**;
2. **Methodology** description (why would you choose a certain architecture, model, algorithm etc.);
3. Expected **results** (what do you think your idea would bring to?);
4. Discussion on **novelty and usefulness** (how do you think your idea would improve the domain of application and why/if it is novel

How to find a valuable problem?



Link for choosing the application domains