Numerical Project

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

Code ELP: N8EM02A

Presentation

Objectives

The objective of this course (in the form of a project) is to study in small groups an environmental phenomenon of your choice based on numerical simulation tools. To do this, you will have the choice of the subject and the methodology, with two possible strong orientations: starting from an existing code / numerical simulation software to study a particular phenomenon or directly developing a numerical simulation code (solving the equations of St Venant for example).

From your choice, you will realize your group project in autonomy, with the support of the supervisors to guide you in your approach.

The objectives of this course are multiple, it will be useful both from a numerical point of view to develop your skills of coding, use and understanding of the codes used in environment, to deepen and better understand a subject in environment, and also to develop your autonomy and project management skills.

The rendering will be in the form of a website, followed by an oral presentation to share your project with the rest of the class.

Description

- Project management: autonomy, group organization, time management ...

Non-contractual information.
Last update on 18 December 2024

- Coding / use of software
- Deepening of a theme of personal interest
- Writing a report, ability to analyze, critique and summarize

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