# Evaluation –course on « Inverse problems and high dimension »

SCHEDULE : see [the course website](https://statistical-learning-centrale.github.io/)

1/ **Final written exam:** No document allowed –***Monday March 27rd***

2 / **Project**: paper / chapter presentation

* ***Wednesday March 15th*** : Submission deadline (slides + ½ page report)
* ***Monday March 20th***: Oral session (10 minutes of questions per group)

**EXPECTED PROJECT WORK**

1. **Written document: critical review**

##### Written in French or English, on **half a page**, as a **critical review** summary of the topic, its stakes, the difficulties, novelties, main results, discussion of pros and cons of the paper.

##### Writing style, grammar and spelling must be done with care.

1. **slides**

##### **The presentation is a 15-minutes lecture** and 10min questions.

##### **PDF version of slides with page numbers** to be made available to the course lecturers.

##### ***Mandatory participation of all students to the oral session*** to answer questions from the course lecturers.

##### It is important to **respect the allotted duration of the lecture**: do not hesitate to use a timer!

##### A limited duration lecture cannot contain the same information as a 20 to 30 pages paper / chapter : **you have to make choices to bring us a viewpoint on the addressed topic**. Roughly count 1 minute 30 per slide, and seek a good **balance between giving a global view and being technically precise on selected aspects.**

##### **Adapting the content to the expected background of the targeted audience is important:** here the audience consists of the course lecturers as well as **all the students who followed the course.**

***As an example, a standard lecture structure can be as follows****: considered problem and its context; state of the art approaches and/or approaches studied during the course; proposed approach; synthesis and discussion, possibly highlighting your own contributions (critical perspective, complementary bibliographical study, implementation, difficulties …) ; conclusion.*

##### Among other things, the grade will reflect an evaluation of:

###### Your understanding of the topic and of the studied papers / chapters. Your ability to explain them: many persons in the audience are not necessarily experts. Your critical analysis of the studied papers / chapters. Positive and negative criticism are both welcome, as appropriate. Possible complementary bibliographical references bringing additional viewpoints.

### **PLANNED PRACTICALITIES**

##### Submission of written report and slides by email to [remi.gribonval@inria.fr](mailto:remi.gribonval@inria.fr) and [yohann.de-castro@ec-lyon.fr](mailto:yohann.de-castro@ec-lyon.fr)