



# Project Seminar

*Introduction*

IGR205

**Kiwon Um**

CG, IMAGES, IDS, LTCI



# In charge

- Course organizers
  - **Kiwon Um** <kiwon.um@telecom-paris.fr>
  - **Jan Gugenheimer** <jan.gugenheimer@telecom-paris.fr>
- ... and your *project supervisor(s)*



# Contents

- Project-based course
  - No regular teaching
- **Three** members team up and work for **one topic** assigned
  - *Tasks will defer depending on each topic.*
- The topics cover:
  - Human-computer interaction
  - Geometry processing and shape modeling
  - Rendering
  - Visualization
  - Animations and simulations of computer graphics
  - Etc.
- Require active communications with your supervisor(s)



# Purpose

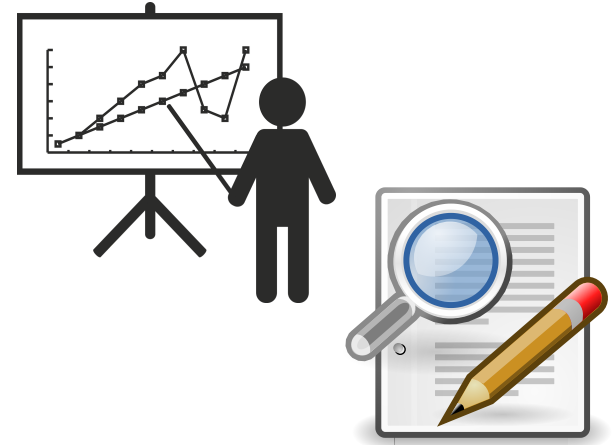
- Introduction to **scientific work**
- Earn **practical experiences/skills** for research & development
  - Understanding research papers
  - Implementing a program and developing your own ideas
  - Writing what you have achieved
  - Presenting/discussing your work
  - ... *which are hopefully useful later on.*
- Learn **teamwork**
  - Communication skill
  - Task management
  - ... *Each individual should make an effort. Nobody can do it for you.*
- Exposure to **English** (reading, writing, and speaking)
  - The mostly accepted language in academia ... *and even many other places*



# Evaluation

- Take into account:
  - Implementation (50%)
  - Presentation (30%)
  - Report (20%)

```
1 /*
2  * This line basically imports the "stdio" header file, part of
3  * the standard library. It provides input and output functionality
4  * to the program.
5  */
6 #include <stdio.h>
7
8 /*
9  * Function (method) declaration. This outputs "Hello, world\n" to
10 * standard output when invoked.
11 */
12 void sayHello(void) {
13     // printf() in C outputs the specified text (with optional
14     // formatting options) when invoked.
15     printf("Hello, world!\n");
16 }
17
18 /*
19 * This is a "main function". The compiled program will run the code
20 * defined here.
21 */
22 int main(void)
23 {
24     // Invoke the sayHello() function.
25     sayHello();
26     return 0;
27 }
```



- We strongly encourage you to use English as much as possible.
  - The **presentation** and the **report** must be in **English**.
  - But, of course, feel free to discuss in any languages within the team.
  - Don't worry. We will not judge your English skill such as how *beautiful* your sentences are. We value your effort to communicate.
- Important information will be kept up-to-date in [the web](#).
  - ... *and emails will be sent if any.*

# From now on

- Check [your final matching](#).
- Check your topic more carefully with your team members.
- Contact your project supervisor(s) as quickly as possible.
  - Discuss your tasks in detail.
  - Arrange your (regular) meetings.

*To overcome the unusually long difficult situation...  
communicate more, utilize any useful tools, and stay active.*

*Good luck!*



**Questions?**