



MASTER OF SCIENCE  
IN ENGINEERING

# Multimodal Processing, Recognition and Interaction

**Challenge – Let's Start**

Simon Ruffieux

Elena Mugellini, Jean Hennebert, Stefano Carrino

# Challenge Starting

- Make the groups (2 or 3 persons)
  - Choose a group name
  - Define who will do which algorithm in the group
    - **1 algorithm per person**
- Send me the information: **simon.ruffieux@hefr.ch**
  - One mail per group
    - Subject: MPRI Challenge
    - Content:
      - Name of the group
      - For each: First name, last name, algorithm

# Download Platform

- Go to this website  
<https://project.eia-fr.ch/chaigest/Pages/Opeggra/Download.aspx>
- Download
  - Opeggra-Tutorial.pdf
  - Opeggra-Setup.zip
- Read tutorial
- Install Opeggra
- Sign up in Opeggra
  - Use as login: groupName-Lastname

# Download sample algorithms

Sample dummy algorithms are available to help you start developing.

- Download them directly from the platform
  - Algorithm tab, right-click on the desired algorithm and select download
- Download them directly from the website
  - <https://project.eia-fr.ch/chaigest/Pages/Opeggra/Download.aspx>

# Download training set

In order to allow you to download datasets faster than through the platform, they are available for direct download

- They contain Xsens and Skeleton data

## → C#

- [http://simon.ruffieux.home.hefr.ch/datasets/Dataset\\_segmented.zip](http://simon.ruffieux.home.hefr.ch/datasets/Dataset_segmented.zip)
- Note: you'll need to extract it

## → Matlab

- [http://simon.ruffieux.home.hefr.ch/datasets/Dataset\\_segmented.mat](http://simon.ruffieux.home.hefr.ch/datasets/Dataset_segmented.mat)