

# Trainee Student at CERN

PE section meeting

05/04/2018

# Who am I?

- I started 03.04.2018
- I will stay for 5 months
- 21 years old
- From Morocco
- Apart from Computer Science: tennis, running



# What is my education?

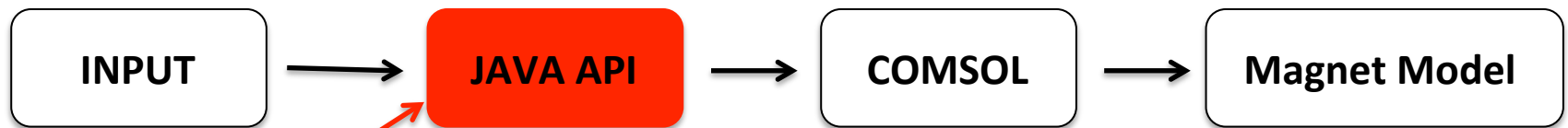
- **2013-2014:** Moroccan Baccalaureate in Scientific Studies  
Mathematics Option in Taza / Morocco
- **2014 - 2016:** CPGE (Classe Préparatoire aux Grandes Écoles)  
Option Mathematics and Physics in Rabat / Morocco
- **2016 – today:** College of Engineering in Computer Science  
(ISIMA) in Clermont-Ferrand / France
- **Projects:**
  - Physical simulation of a Stirling engine (2015/2016)
  - Creation of a website for an association (2016/2017)
  - Prototyping data in a data warehouse (2017/2018)

# What will I be doing here?

- STEAM Project



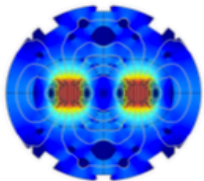
Quench analysis



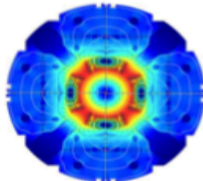
Optimization of magnetic field



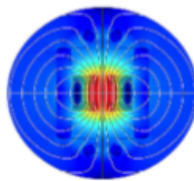
LHC – MB



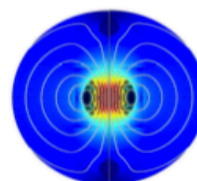
Hi-Lumi – MQXF



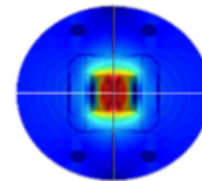
FRESCA2



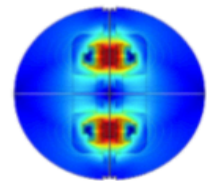
FCC – Cos $\theta$



FCC – Block



FCC – Racetrack



*Courtesy of L. Bortot and the STEAM*