# TeachEng, a Multi-Paradigm MOOCs Provider Platform to Teach Future Engineers

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## The TeachEng Project

- Creation of a **specific** MOOCs platform
- Focus on technical and soft skills needed for **engineers**
- Platform used for **learning**, discovering, trainings and lifelong learning
- Switch from General-Purpose MOOCs Platform (GPMP) to **Multi-Paradigm MOOCs Platform** (MPMP)
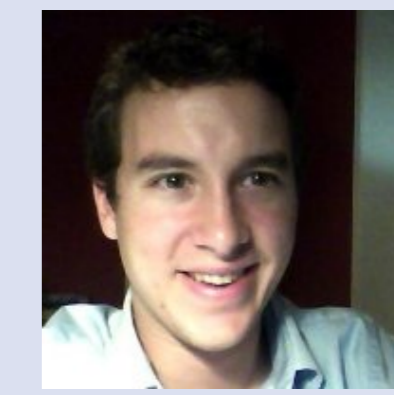
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*"The project team"*

## 1. Behind the Name   /tiːtʃeɪndʒ/

- **Teach Eng**ineers

  *Platform is used to teach engineering-related subjects such as stability, physics, informatics... and management, communication...*
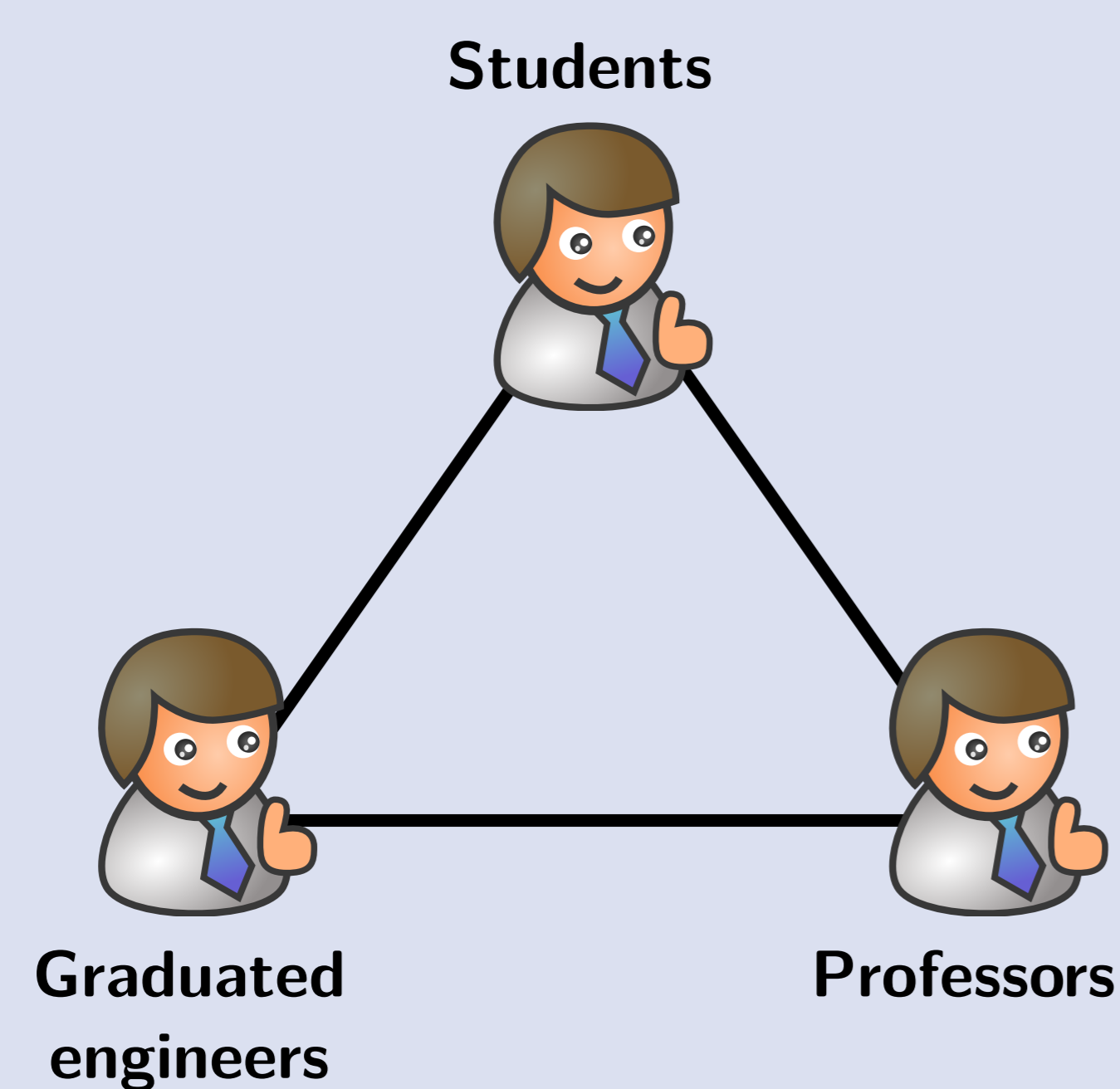
- **Teach** me **Eng**ineering

  *Platform used to train itself or update itself in technical subjects related to engineering*

*"Teach Exchange"*



## 2. Audience and actors



Students

Graduated engineers — Professors

**Graduated engineers**
- Trainings about their professional experience
- How it works in industry

**Professors**
- Courses, tutorials and remediation for teaching or lifelong learning
- How it is seen academically

**Students**
- Projects and tutorials for their studies
- How is is understood

## 3. Platform goals

**Short courses**
- Courses to open students' mind, by industrials or professors
- Opportunity to test new subjects with a reduced risk

**Trainings**
- Lifelong learning dedicated to professors and graduated students
- Align what is taught with what is done in industry

**Transfer students**
- MOOC version of existing courses to allow transfer students

**Promotion**
- Introductory courses for secondary school students

**E-learning**
- Including e-learning activities or SPOCs in courses

## 4. Conclusion

- TeachEng is a MOOCs provider platform with several paradigm
- Collaborations reinforcement between students, academics and professionals

**Future work**
- Experiment the first short course in September 2016
- Set up the platform based on Open edX

## References

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- S. Taneja, & A. Goel. MOOC Providers and their Strategies. *IJCSMC 3(5)*.