

# International MASTER PROGRAM Post graduate IFP-School In PARIS FRANCE

**Presentation: 24<sup>th</sup> of October 2018 @ 2:00 pm**  
**SJTU Room : F207 Mechanical Building A**



**Contact:** Dr.-Ing Ouafae EL GANAOUI MOURLAN (欧菲木兰) : [ouafae\\_eg@yahoo.fr](mailto:ouafae_eg@yahoo.fr)

[www.ifp-school.com](http://www.ifp-school.com)

**IFP-School graduates are extremely sought after in the automotive industry! IFP School really close to PARIS!**

**Teaching language** English  
**Pre-requisite** 4 (or 6) full years of tertiary education- Bachelor (or Master)  
**Duration** 18 months (or 16) starting in September 2019  
**Degree awarded** **Master of Sciences degree**  
**Course type** "Sandwich course"

**Focus on the POWERTRAIN ENGINEERING MSc**  
**All students are fully sponsored by a company (1400€/month)**  
**Job position guarantee after this Master ☺**

- Students alternate periods at IFP School and periods in sponsoring company
- 100% of the students from China have at least three years job guarantee after the graduation.
- **More than 30 SJTU Alumni are graduated from IFP School and working at the moment in Shanghai!**



**Examples of companies recruiting and/or sponsoring students At IFP-School**  
**PSA GROUP; Continental, Delphi, Faurecia, FEV, Ford, IAV, ...**

## Main courses :

- Introduction to the Powertrain; Conventional and advanced combustion in engines
- Numerical modeling for efficient energy conversion
- Energy and environmental issues
- Electrified and hybrid vehicles, battery and transmissions
- Electric machines and power electronics;
- Optimal energy management and powertrain control
- Powertrain and vehicle testing; in-vehicles integration and final project
- Connected and autonomous vehicles



