



# Join the high-tech community in materials science!

## Advanced Master MaPMod

- 1-year programme with a professional aim in the framework of materials science.
- 1/3 of the academic programme chosen by the student\*.



### Do you know ?

An Advanced Master is a Mastère Spécialisé (M.S.), a French postgraduate programme labelled by the Conférence des Grandes Ecoles (CGE). MINES ParisTech delivers a diploma of Formation Spécialisée according to examination results, project report and oral presentation.

## Each student works with an industrial partner for the whole year

### Most of the industrial partners

- Provide the industrial topic.
- Take in charge the tuition fees of the student.
- Sponsor part of the living expenses.



## Admission Procedure

- Pre-selection based on academic prerequisites. Priority is given to recently graduate students. Application form available on [mapmod.cemef.mines-paristech.fr](http://mapmod.cemef.mines-paristech.fr)
- Academic interview. Videoconference is available.
- Industrial interview (optional) to finalize the application on a given industrial project. Industrial Partner can delegate their choice to the CEMEF.

### Who can apply?

Graduates with a scientific Masters degree or equivalent diploma.



from end September to March

### 600 hrs of courses taught in English organised in:

- Fundamental knowledge (mechanics, materials physics, numerical analysis). **150 hrs**
- Professional teaching, industrial visits and conferences. **100 hrs**
- Specialization courses to be chosen by the student\*. **150 hrs**
- Preparation of the industrial project. This leads to a written report and an oral defence. **200 hrs**

Skills acquisition assessment results from individual or group work within semi-industrial projects.

from April to September

### Industrial training

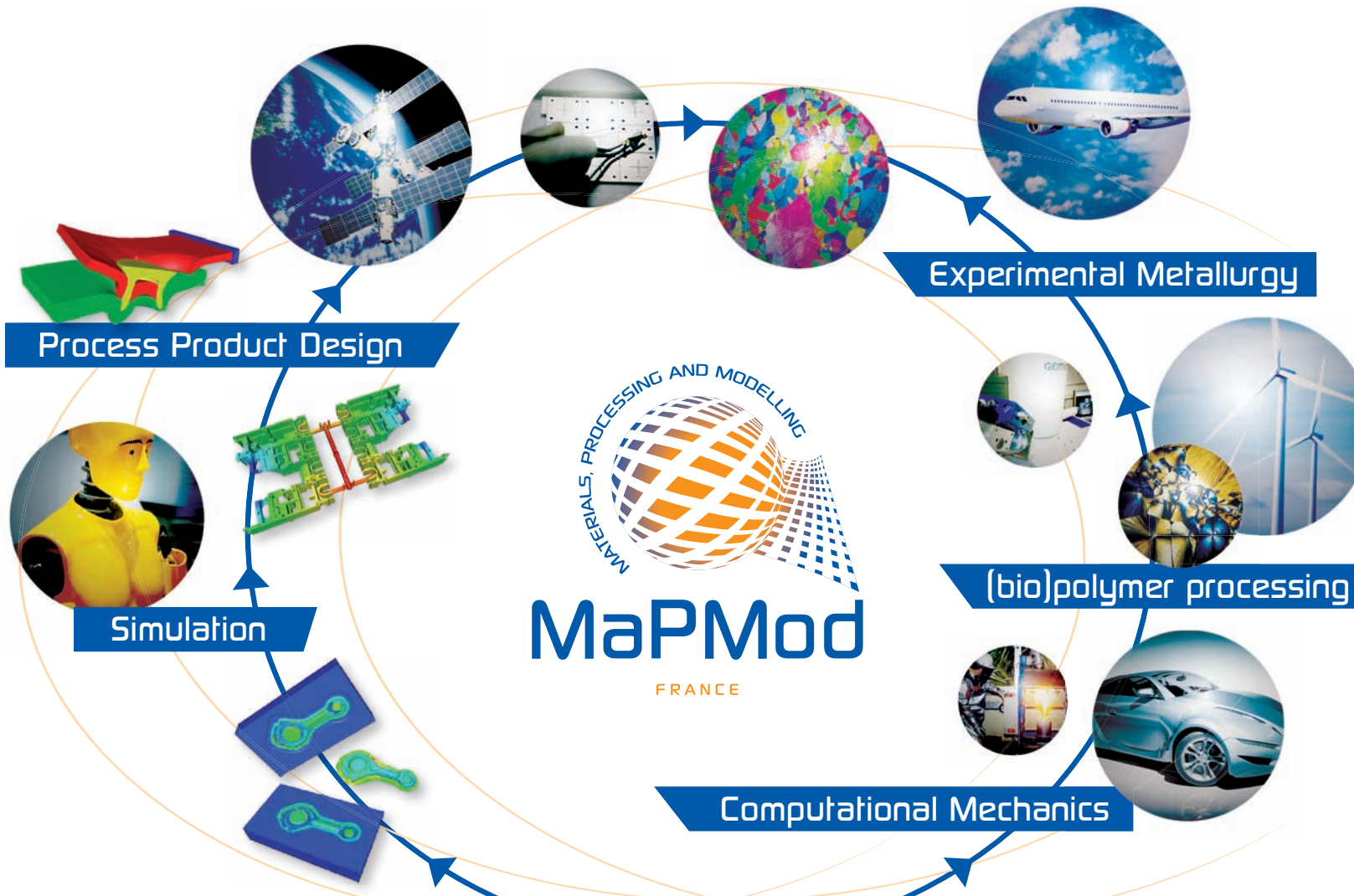
The internship provides the opportunity to apply the acquired skills from the Advanced Master's degree in a professional environment, concluding with both a written report and oral defense.

### MaPMod objectives

Step for solving Industrial problem..	MaPMod Programme*
Analysing - Understanding.....	Background courses
Acquiring new skills .....	Specialization courses
Organizing the project planning .....	Project Management
Applying solutions.....	Project preparation
Solving .....	Professional Internship
Defending.....	Scientific Presentation skills

\*See the website for more details.

Enlarge your expertise with a **tailored** post-master degree



Some examples of expertise you can get



## An international Programme in a great environment

### MINES ParisTech

- Graduate school with 225 year history.
- 1 440 students.
- 15 research centres, 260 talented professor-researchers.
- 1<sup>st</sup> school for partnership research, a unique link with companies.

### MINES ParisTech Campus at Sophia Antipolis

- 5 advanced master programmes (4 international).
- 80 advanced masters' students.
- 120 Ph.D. students.



### CEMEF

- Research centre of MINES ParisTech.
- 150 people including 90 students.
- A unique combination of experimental facilities and computing resources.
- Advanced master programmes since 1987.

### Sophia Antipolis

- Renowned Science & Technology park of excellence in the South of France, on the French Riviera.
- More than 1 400 companies, 30 000 high-tech jobs.