



DOCTORAL PROGRAM

MECHANICS, ENERGETICS, CIVIL AND PROCESS ENGINEERING MEGeP

SCIENCES & TECHNOLOGY

DOCTORAL PROGRAM MEGeP :

<http://www.ed-megep.fr>

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SCIENTIFIC DOMAINS

- Water, energy and environmental engineering
- Engineering for health
- Space engineering
- Agrofood
- Chemical, physical and biological process engineering
- Civil engineering
- Mechanical engineering
- Forming and machining processes
- Materials, structure, system
- Durability and ageing
- Instabilities, control and vibrations
- Acoustics
- Multiphase flows
- Heat transfer
- Combustion
- Turbulence
- Experimentation, characterisation and measures
- Modeling, simulation, optimisation, process control
- Multiphysics

KEY FIGURES

- 380 students (40% international students)
- 110 PhD awarded per year
- 11 key research laboratories (CNRS, INRA...)

RESEARCH LABORATORIES

- **IMFT** - Institute of Fluid Mechanics of Toulouse: <https://www.imft.fr/>
- **LGC** - Chemical Engineering Laboratory: <http://lgc.inp-toulouse.fr/>
- **ICA** - Clement Ader Institute: <http://www.institut-clement-ader.org/>
- **LISBP** - Biosystems and Process Engineering Laboratory: <http://www.lisbp.fr/>
- **RAPSODEE** – Research in Albi on Particulate Solids, Energy and the Environment: <http://rapsodee.mines-albi.fr/en/>
- **LAPLACE** - Plasma and Energy Conversion Laboratory: <http://www.laplace.univ-tlse.fr/>
- **PHASE** - Physics of Human Applied to Sound and Environment: <http://phase.ups-tlse.fr/>
- **LMDC** - Laboratory of Materials and Durability of Constructions: <http://www-lmdc.insa-toulouse.fr/>
- **CERFACS** - Computational Fluid Dynamics: <http://www.cerfacs.fr/>
- **LGP** - Production Engineering research Laboratory: <http://www.enit.fr/fr/recherche/le-laboratoire-genie-de-production-1.html>
- **DAEP** - Department of aeronautics, energetics and propulsion (EDyF): <http://recherche.isae.fr/en/departments/daep.html>
- **DMAE** - Aerodynamics and Energetics Modeling (EDyF): <http://www.onera.fr/en/dmae>