RAPSODEE is a research and education center of IMT Mines Albi. IMT Mines Albi is part of the "Institut Mines-Télécom", the number one group of engineering and management graduate schools in France. IMT Mines Albi is also an associate member of the Université Fédérale Toulouse Midi-Pyrénées and of the Carnot-Mines Institute.

The RAPSODEE, UMR CNRS 5302 - Research in Albi on Particulate Solids, Energy and the Environment - is a joint research center between IMT Mines Albi and CNRS.

**RESEARCH**

- International scientific recognition
- €1.3 M€ per year of grants
- +80 publications/year, including 55 articles in peer-reviewed international journals
- 96 staff members including 45 PhD students
- 2 research & innovation platforms: VALTHERA, GALA®&GALenic Advanced

**EDUCATION & TEACHING**

- 7 tracks for general engineering diploma in 4 fields
- Materials for buildings and sustainable construction
- Digital transition for energy
- Bio-health: agri and pharma
- 2 Masters of Science provided in English
  - ADP:PHAIRME: Advanced Pharmaceutical engineering
  - BWEM: Biomass and Waste for Energy and Materials
- 1 Advanced Master
- + than 200 characterization equipment
- Positive Energy Buildings
- Laboratory scale facilities

**EQUIPMENT**

- Pilot scale facilities including spray drying, mixing, extrusion, crystallisation, torrefaction, pyrolysis, gasification...

**PROCESS ENGINEERING FOR SUSTAINABLE GOALS**

- **ENERGY & ENVIRONMENT**
  - Biomass, Waste and Solar Energy

- **POWDER & PROCESSES**
  - Powder Engineering, Health, Food and Chemicals

**2 RESEARCH GROUPS**

- 2 joint research laboratories with industry
- 2 joint research international laboratories with universities in the US and in China
- + than 35 industrial partners
- Governmental and regional agency partners: Région Occitanie and French National Research Agency (Investments for the Future)
- 6 GDR: CNRS Network

**RAPSODEE AT A GLANCE**

- Laboratory scale facilities
- Pilot scale facilities including spray drying, mixing, extrusion, crystallisation, torrefaction, pyrolysis, gasification...
- + than 200 characterization equipment
INTERNATIONAL
RAPSOSEE has developed outstanding collaborations worldwide.

EVENTS & PEER REVIEW JOURNAL

WasteEng Conference Series
since 2005, every 2 years
400 abstracts from 50 countries per event

International Symposium on Supercritical Fluids
every 3 years

WTERT conference
Waste-to-Energy Research and Technology Council - every 2 years

SAKE Symposium
joint meetings since 2008
with Tohoku University - Japan

"Waste and Biomass Valorization"
peer reviewed journal
Springer Nature

CURRENT COLLABORATIONS

7 joint PhD students
4 joint post-doctorates
12 international research collaborations
- Universidade Federale do Rio de Janeiro, Brazil
- Campinas University, Brazil
- Sherbrooke University, Canada
- Xi’an University of Science and Technology, China
- Zhejiang University, China
- Universidad Nacional de Colombia
- University College Dublin, Ireland
- Mahatma Gandhi University, Kerala, India
- Universiti Teknologi Petronas, Malaysia
- Columbia University, USA
- Princeton University, USA
- Worcester Polytechnic Institute, USA

RAPSOSEE - IMT Mines Albi
Campus Jarlard - CT Cedex 09 - 81013 ALBI - FRANCE
Phone: +33 5 63 49 30 07
www.imt-mines-albi.fr/rapsodee