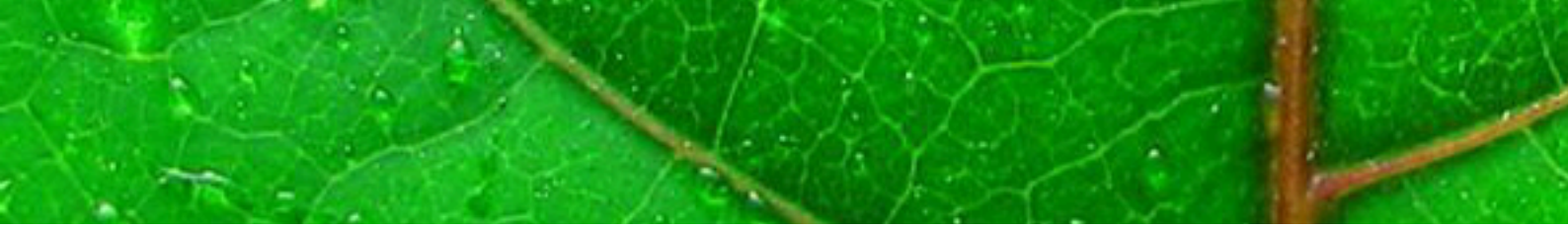

Energy storage and distribution

Energy storage and distribution

Due to increasing environmental constraints and the growing scarcity of resources, the energy sector is not only developing its technologies but is also attempting to use them more rationally. The issues of energy storage and transport are fully in line with today's policies of energy demand management and respect of environmental constraints. The skills implemented here concern thermodynamics and heat transfer in more or less complex systems (equilibrium between phases). The LaTEP intends to contribute more specifically to the development of knowledge in the following areas:

Two-phase secondary refrigerants

Phase change materials

Structural optimization of heat distribution networks

Storing energy in the subsurface

Natural gas transportation