Title: Optimization, modeling and decision support in industry, applications to energy

Speaker: Michaël Gabay (Artelys)

Abstract:

Decision science, and more specifically mathematical optimization, offer numerous tools to address problems and optimize decision in many application domains and at several level.

We will briefly introduce Artelys activities and services and then we will focus on the particular field of energy and electricity.

Through examples of practical problems, methodology and results we will see the value which is brought by quantitative mathematics as well as the very wide range of applications and users, from the turbine operators to politics.