**ENTRY REQUIREMENTS**

Master 1 in mathematics or in computer science, bachelor level in the other one.

**ACQUIRED SKILLS**

Master level in areas at the interface of mathematics and computer science: optimization, analysis, geometry, combinatorics and machine learning. Development of research skills: autonomy, bibliography, ... Advanced programming skills specialized in application in mathematics and computer science.

**YOUR FUTURE CAREER**

Continuing in a PhD in mathematics or computer science. Jobs in R&D in areas at the interface of mathematics and computer science, typically optimization and machine learning. Machine learning courses, in particular, are made to be usable directly in the industry.

**BENEFITS OF THE PROGRAM**

This master is unique in France, with teaching in both mathematics and computer science. The teachers from both fields of research are used to work together in a prestigious long-term project, the Labex Bezout.