Title: Combinatorics with SageMath

Lecturer: Nadia LAFRENIÈRE

SageMath is an open-source software with an extensive toolkit for combinatorics. In this minicourse, we will explore how to get information about combinatorial objects, and how this information can in turn help us improving the design of algorithms. On top of SageMath, open databases will be used in this course, such as the Online Encyclopedia of Integer Sequences and FindStat.