

## **Computer music** (offerto solo in inglese)

This course covers a wide range of topics on computer music, with particular reference to inference of sound properties, tools for music representation, tools for assisted composition. The topics that are covered are:

- Brief History of Computer Music
- Sound classification
  - Sound analysis;
  - Short introduction to the problem of classification;
  - Architecture of sound classifiers;
  - Audio descriptors;
- Scores and automatic music composition
  - MIDI protocol, its evolution and limits;
  - Music XML;

Environments for algorithmic music: SuperCollider