

# **1T1: Audio Signal Processing for Music Applications: Welcome**

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# What is this course about?

- Signal processing
- Audio/Music
- Programming
- Analyzing/making sounds

# Who is this course for?

- Anyone interested in understanding how to analyze and process musical sounds

but ... able to:

- Follow mathematical formulations
- Use a programming language
- Use sound processing software

# Course organization

- Duration: 10 weeks
- Weekly content:
  - Theory lectures
  - Programming lectures
  - Demo lectures
  - Advanced topics and references
  - Assignments (programming + Quiz)

# Open content !!

- Videos and slides released under CC  
*Attribution-Noncommercial-Share Alike license*
- Software released under *Affero GPL license*
- Most references from *Wikipedia.org*
- Sounds from *Freesound.org*

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