

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

***Xavier Serra***

Universitat Pompeu Fabra, Barcelona

# 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 (~30min)
  - Programming lectures (~30min)
  - Demo lectures (~30min)
  - 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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