International Audio Laboratories Erlangen
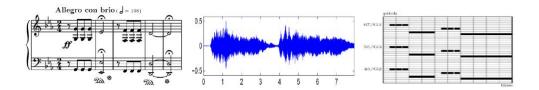
*A Joint Institution of the Friedrich-Alexander
Universität Erlangen-Nürnberg (FAU) and
Fraunhofer Institute for Integrated Circuits IIS*

Music Processing – Analysis   WS 2013/2014

Instructor

Prof. Dr. Meinard Müller

Format

Lecture, 2 SWS
ECTS-Credits: 2,5
Language: English
First Meeting: Monday, 21.10.2013, 16:15 - 18:30
Place: Room 3R4.04, Am Wolfsmantel 33

Format and Content

In this course, we discuss a number of current research problems in music
processing or music information retrieval (MIR) covering aspects from information
science and digital signal processing. We provide the necessary background
information and give numerous motivating examples so that no specialized
knowledge is required. However, the students should have a solid mathematical
background and some background in digital signal processing. Topics include

* Music Representations and Audio Features
* Music Synchronization and Alignment
* Audio Structure Analysis and Segmentation
* Tempo and Beat Tracking
* …

Additional Information

http://www.audiolabs-erlangen.de/meinard/teaching/ws2013_mpa/

For further information please contact:
Prof. Dr. Meinard Müller, meinard.mueller@audiolabs-erlangen.de