

## Audio Processing Laboratory 2017

Meinard Müller & Frank Zalkow

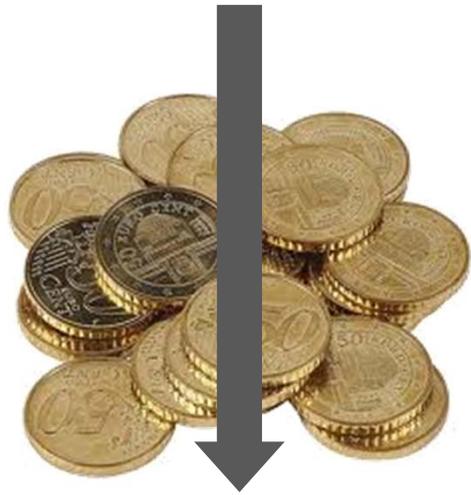
Alexander Adami, Soumitro Chakrabarty, Johannes Fischer, Ankit Kumar, Patricio López-Serrano, Goran Markovic, Konstantin Schmidt, María Luis Valero, Nils Werner, Frank Zalkow

# International Audio Laboratories Erlangen

 **Fraunhofer**  
IIS



**FAU** FRIEDRICH-ALEXANDER  
UNIVERSITÄT  
ERLANGEN-NÜRNBERG



**AUDIO**  
**LABS**

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# International Audio Laboratories Erlangen



**Audio**

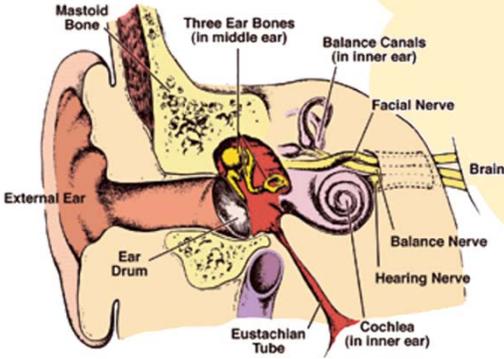
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3D Audio

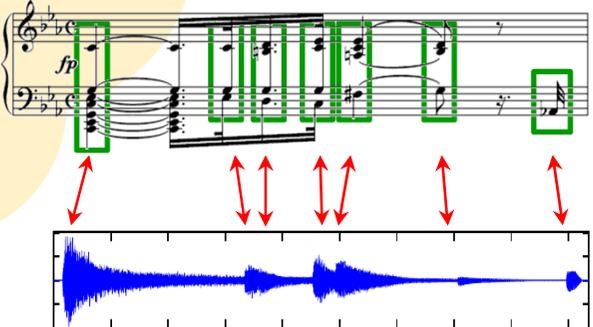
Audio Coding



# Audio



Psychoacoustics



Music Processing

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# Introduction

Responsible for Audio Processing Lab Summer Term 2017:

Meinard Müller

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Website:

[https://www.audiolabs-erlangen.de/fau/professor/mueller/teaching/2017s\\_apl](https://www.audiolabs-erlangen.de/fau/professor/mueller/teaching/2017s_apl)

Contact

Frank Zalkow

frank.zalkow@audiolabs-erlangen.de

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## Dates

- **Preparatory meeting (optional):** 10.05.2017, 9:15-11:00  
Matlab introduction and questions to first lab (STFT)
- Dates for 5 labs:  
**Wednesdays: 9:15-13:00:** 17.05, 07.06, 28.06, 05.07, 12.07  
**Fridays: 14:15-18:00:** 19.05, 09.06, 30.06, 07.07, 14.07
- One lab per week
- You can choose to have either the Wednesday-slot or the Thursday-slot
- During the semester no switching possible!

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## Lab Course Material

- Available (at least) two weeks before each lab
- For each lab, there is a script of around 10 pages
- You need to **carefully** read the script **before** the lab
- The **homework exercises** need to be done **before** the lab

**Hint:** If you come to a lab unprepared, you **cannot pass!**

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## General Information

- You will work in groups consisting of two students
- The groups cannot be changed during the semester
- Lab is supported by tutors
- If you have questions (script, homework excercises), please contact tutors any time (**before** coming to the labs)

**For tutor contact information, please check website!**

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# Evaluation

- Homework exercises (before each lab experiment)
- Scores (homework + experiments + interviews with tutors):  
Points: 0=no pass, 1=minimal pass, 2=pass, 3=excellent
- Overall passing criterion:
  - At least 1 point in each of the 5 labs  
(i.e. you need to pass all five labs)
  - Altogether at least 7 points
- Although you work in groups, we give you points individually

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# Summary

- Be in time
- Be well prepared
- Be motivated
- Tutors help
- We hope you learn a lot!