

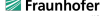



Tutorial Cross-Modal Music Retrieval and Applications


Overview

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Meinard Müller





- Mathematics (Diplom/Master)
- Computer Science (PhD)
- Information Retrieval (Habilitation)
- Since 2012: Professor for Semantic Audio Processing
- Audio and Acoustic Signal Processing TC (2010 - 2016)
- President-Elect, International Society for Music Information Retrieval (ISMIR)
- Member of Senior Editorial Board, IEEE Signal Processing Magazine


Andreas Arzt







- Computer Science (Master)
- Doctorate in Engineering Sciences (Computer Science, MIR)
- University Assistant at the Institute for Computational Perception, JKU Linz
- Member, International Society for Music Information Retrieval (ISMIR)

Stefan Balke



- Electrical Engineering (Diplom/Master)
- PhD at AudioLabs Erlangen (MIR, applied Machine Learning)
- PostDoc at the Institute for Computational Perception, JKU Linz
- Member, International Society for Music Information Retrieval (ISMIR)
- Member, Institute of Electrical and Electronics Engineers







Schedule

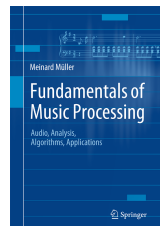
- Overview (10)
- Part I (Meinard Müller): Classical Approaches (50)
- Part IIa (Andreas Arzt): Fingerprinting Approaches (20)
- Coffee Break**
- Part IIb (Andreas Arzt): Fingerprinting Approaches (30)
- Part III (Stefan Balke): Machine Learning Approaches (40)
- Conclusions (15)

Slides/Material:
https://www.audiolabs-erlangen.de/resources/MIR/2019_Tutorial_MusicRetrieval_ICASSP/
http://www.cp.jku.at/resources/2019_Tutorial_MusicRetrieval_ICASSP/

Literature



Meinard Müller, Andreas Arzt, Stefan Balke, Matthias Dorfer, and Gerhard Widmer:
Cross-Modal Music Retrieval and Applications
Signal Processing Magazine, Issue 1, 2019, 52-62



Meinard Müller:
Fundamentals of Music Processing
483 p., 249 illus., Springer, 2015

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