Tutorial
Cross-Modal Music Retrieval and Applications

Overview

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JKU JOHANNES KEPLER UNIVERSITÄT LINZ

Meinard Müller

- Mathematics (Diplom/Master)
- Computer Science (PhD)
- Information Retrieval (Habilitation)

universitätbonn

AUDIO LABS

- Since 2012: Professor for Semantic Audio Processing

FAU FRIEDRICH-ALEXANDER UNIVERSITÄT ERLANGEN-NÜRNBERG

- 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)

TU WIEN

- Doctorate in Engineering Sciences (Computer Science, MIR)

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- University Assistant at the Institute for Computational Perception, JKU Linz

- Member, International Society for Music Information Retrieval (ISMIR)

Stefan Balke

- Electrical Engineering (Diplom/Master)

Leibniz Universität Hannover

- PhD at AudioLabs Erlangen (MIR, applied Machine Learning)

AUDIO LABS

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- PostDoc at the Institute for Computational Perception, JKU Linz

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- Member, International Society for Music Information Retrieval (ISMIR)
- Member, Institute of Electrical and Electronics Engineers

Schedule

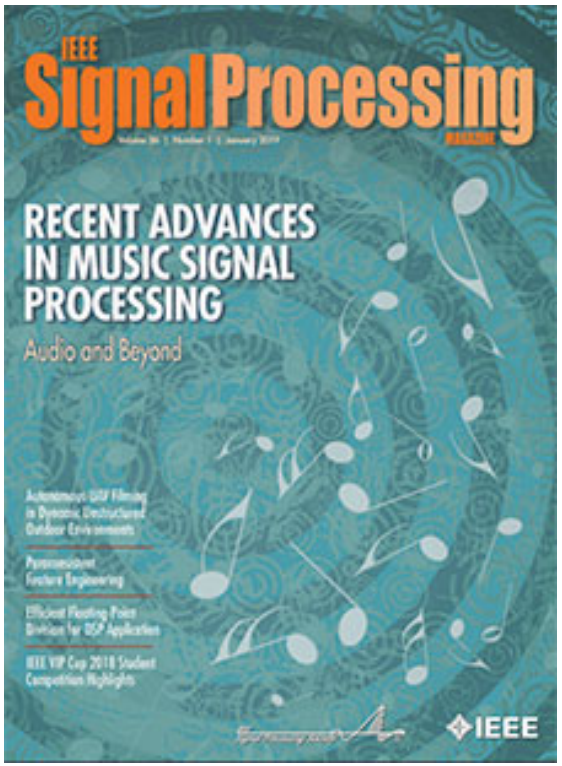
- Overview (10)
- Part I (Meinard Müller): Classical Approaches (50)
- Part IIa (Andreas Arzt): Fingerprinting Approaches (20)
- Coffee Break
- Part IIb (Andreas Arzt): Fingerprinting Approaches (30)
- Part III (Stefan Balke): Machine Learning Approaches (40)
- Conclusions (15)

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**:**
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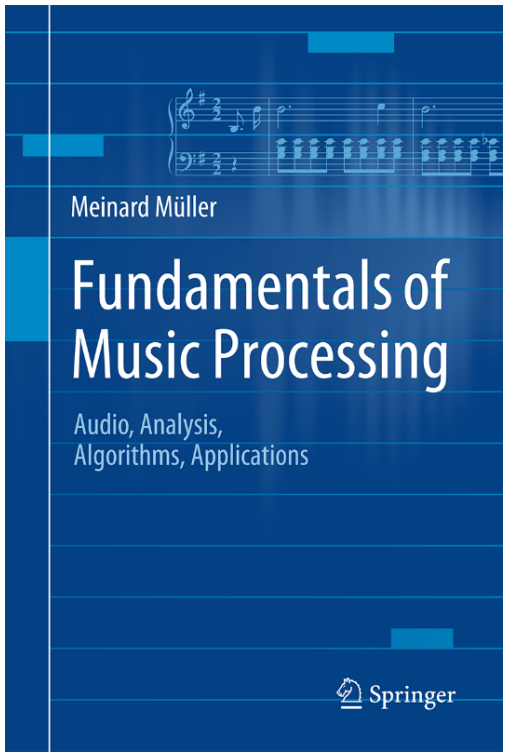

Meinard Müller:
Fundamentals of Music Processing
483 p., 249 illus., Springer, 2015

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