# Dr.-Ing. Jakob Abeßer

Senior Scientist

Fraunhofer Institute for Digital Media Technologies (IDMT)
Ehrenbergstraße 31, 98693 Ilmenau, Germany
+49 3677 467288
jakob.abesser@idmt.fraunhofer.de

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#### Theses

Jakob Abeßer. Automatic Transcription of Bass Guitar Tracks applied for Music Genre Classification and Sound Synthesis. PhD thesis, Technische Universität Ilmenau, 2014

## Books (edited)

 Martin Pfleiderer, Klaus Frieler, Jakob Abeßer, Wolf-Georg Zaddach, and Benjamin Burkhart, editors. Inside the Jazzomat - New Perspectives for Jazz Research. Schott Campus, 2017

## Proceedings (edited)

• Christian Dittmar, Jakob Abeßer, and Meinard Müller, editors. Proceedings of the AES International Conference on Semantic Audio, 2017

#### Journal Articles

- Jakob Abeßer, Zhiwei Liang, and Bernhard Seeber. Sound recurrence analysis for acoustic scene classification. EURASIP Journal on Audio, Speech, and Music Processing, 2025
- Jakob Abeßer, Sascha Grollmisch, and Meinard Müller. How robust are audio embeddings for polyphonic sound event tagging? IEEE/ACM Transactions on Audio, Speech, and Language Processing, 31:2658–2667, 2023
- Jakob Abeßer, Asad Ullah, Sebastian Ziegler, and Sascha Grollmisch. Human and machine performance in counting sound classes in single-channel soundscapes. Journal of the Audio Engineering Society (AES), 71(12):860–872, 2023
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- Jakob Abeßer, Marco Götze, Tobias Clauß, Dominik Zapf, Christian Kühn, Hanna Lukashevich, Stephanie Kühnlenz, and Stylianos Ioannis Mimilakis. Urban noise monitoring in the Stadtlärm project - A field report. In Proceedings of the Detection and Classification of Acoustic Scenes and Events (DCASE) Workshop, New York, NY, USA, 2019
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