

LIST OF PUBLICATIONS

- **AI in Art: Simulating the Human Painting Process**
Alexander Leiser and **Tim Schlippe**
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- **Cross-Lingual Automatic Short Answer Grading**
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- **Deep Learning Techniques for Automatic Short Answer Grading: Predicting Scores for English and German Answers**
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- **AI-based Multilingual Interactive Exam Preparation**
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- **NLP for Student and Teacher: Concept for an AI based Information Literacy Tutoring System**
Paul Libbrecht, Thierry Declerck, **Tim Schlippe**, Thomas Mandl, and Daniel Schiffner
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- **Visualizing Voice Characteristics with Type Design in Closed Captions for Arabic**
Tim Schlippe, Shaimaa Alessai, Ghanimeh El-Taweel, Matthias Wölfel, and Wajdi Zaghouni
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- **Generation of Text from an Audio Speech Signal**
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- **Word Segmentation and Pronunciation Extraction from Phoneme Sequences Through Cross-Lingual Word-to-Phoneme Alignment**
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- **A Voice Driven Type Design Demo**,
Matthias Wölfel, Angelo Stitz, and **Tim Schlippe**,
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- **Cross-lingual Lexical Language Discovery from Audio Data Using Multiple Translations**
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 In Proceedings of The 40th International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2015), Brisbane, Australia, 19-24 April 2015.
- **Rapid Generation of Pronunciation Dictionaries for new Domains and Languages**
Tim Schlippe
 KIT Library, Dissertation, December 2014.
- **Methods for Efficient Semi-Automatic Pronunciation Dictionary Bootstrapping**
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 In Proceedings of The 15th Annual Conference of the International Speech Communication Association (Interspeech 2014), Singapore, 14-18 August 2014.
- **BioKIT - Real-time Decoder For Biosignal Processing**
 Dominic Telaar, Michael Wand, Dirk Gehrig, Felix Putze, Christoph Amma, Dominic Heger, Ngoc Thang Vu, Mark Erhardt, **Tim Schlippe**, Matthias Janke, Christian Herff, and Tanja Schultz
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- **GlobalPhone: Pronunciation Dictionaries in 20 Languages**
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- **Combining Grapheme-to-Phoneme Converter Outputs for Enhanced Pronunciation Generation in Low-Resource Scenarios**
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- **Towards Automatic Speech Recognition without Pronunciation Dictionary, Transcribed Speech and Text Resources in the Target Language using Cross-Lingual Word-to-Phoneme Alignment**
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- **Web-based Tools and Methods for Rapid Pronunciation Dictionary Creation**
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- **Recurrent Neural Network Language Modeling for Code Switching Conversational Speech**
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- **Statistical Machine Translation based Text Normalization with Crowdsourcing**
Tim Schlippe, Chenfei Zhu, Daniel Lemcke, and Tanja Schultz
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- **Word Segmentation through Cross-Lingual Word-to-Phoneme Alignment**
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- **Wiktionary as a Source for Automatic Pronunciation Extraction**
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- **Rapid Bootstrapping of five Eastern European Languages using the Rapid Language Adaptation Toolkit**
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