

ERAN RAVEH

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EDUCATION

Ph.D. in Language Science and Technology

2016 – 2020

Universität des Saarlandes

Saarbrücken, Germany

- **Dissertation:** Modeling and Integrating Vocal Accommodation in Human-Computer Interaction into Spoken Dialogue Systems
- Integrated M.Sc. in Speech Technology

Visiting student

2014

Trinity College Dublin, Computer Science and Communication Science faculties

Dublin, Ireland

B.A. in International Studies in Computational Linguistics

2012 – 2015

Eberhard Karls Universität Tübingen

Tübingen, Germany

final grade: 93 (US: A; EU ECTS: 1,4; UK: first-class honours)

- **Thesis:** Automatic Generation of Customizable Recall Questions

COMMUNITY

YRRSDS (SIGdial satellite, <http://yrrsds.org>): chair (2018-2019), co-local organizer (2017)

Reviewer: COLING 2020, SpeCom 2020, LREC 2020, Interspeech 2019

SELECTED PUBLICATIONS

- [1] **Raveh, Eran**, C. Dittmar, Y. Özer, and P. Govalkar, “Phonetically informed sequence-to-sequence German text-to-speech synthesis,” in *ICASSP*, submitted, 2021.
- [2] I. Gessinger, B. Möbius, B. Andreeva, **Raveh, Eran**, and I. Steiner, “Phonetic accommodation of L2 german speakers to the virtual language learning tutor Mirabella,” in *Interspeech*, **Best Student Paper Award**, Shanghai, China, Oct. 2020. DOI: [10.21437/Interspeech.2020-2701](https://doi.org/10.21437/Interspeech.2020-2701).
- [3] M. Cohn, **Raveh, Eran**, K. Predeck, I. Gessinger, B. Möbius, and G. Zellou, “Differences in gradient emotion perception: Human vs. Alexa voices,” in *Interspeech*, Shanghai, China, Oct. 2020. DOI: [10.21437/Interspeech.2020-1938](https://doi.org/10.21437/Interspeech.2020-1938).
- [4] **Raveh, Eran**, M. Twig, B. Möbius, and O. Zehavi, “Prosodic alignments in shadowed singing of familiar and novel music,” in *Speech Prosody*, Tokyo, Japan, May 2020, pp. 606–610. DOI: [10.21437/SpeechProsody.2020-124](https://doi.org/10.21437/SpeechProsody.2020-124).
- [5] **Raveh, Eran**, I. Siegert, I. Steiner, I. Gessinger, and B. Möbius, “Three’s a crowd? Effects of a second human on vocal accommodation with a voice assistant,” in *Interspeech*, Graz, Austria, Sep. 2019, pp. 4005–4009. DOI: [10.21437/Interspeech.2019-1825](https://doi.org/10.21437/Interspeech.2019-1825).
- [6] **Raveh, Eran**, I. Steiner, I. Siegert, I. Gessinger, and B. Möbius, “Comparing phonetic changes in computer-directed and human-directed speech,” in *ESSV*, **Best Student Paper Award**, Dresden, Germany, Mar. 2019, pp. 42–49. DOI: [10.22028/D291-31943](https://doi.org/10.22028/D291-31943).
- [7] **Raveh, Eran**, I. Steiner, I. Gessinger, and B. Möbius, “Studying mutual phonetic influence with a web-based spoken dialogue system,” in *Specom*, ser. Lecture Notes in Artificial Intelligence, vol. 11096, Springer, Sep. 2018, pp. 552–562. DOI: [10.1007/978-3-319-99579-3_57](https://doi.org/10.1007/978-3-319-99579-3_57).
- [8] P. Jonell, M. Bystedt, P. Fallgren, D. Kontogiorgos, J. Lopes, Z. Malisz, S. Mascarenhas, C. Oertel, **Raveh, Eran**, and T. Shore, “Farmi: A framework for recording multi-modal interactions,” in *Language Resources and Evaluation Conference (LREC)*, Miyazaki, Japan, May 2018.
- [9] **Raveh, Eran**, I. Steiner, and B. Möbius, “A computational model for phonetically responsive spoken dialogue systems,” in *Interspeech*, Stockholm, Sweden, Aug. 22, 2017, pp. 884–888. DOI: [10.21437/Interspeech.2017-1042](https://doi.org/10.21437/Interspeech.2017-1042).