List of Publications
Dr. Vered Silber-Varod

PhD Dissertation
Silber-Varod, V. (2012), The SpeeCHain Perspective: Prosodic - Syntactic Interface in Spontaneous Spoken Hebrew. The Chaim Rosenberg School of Jewish Studies, Tel Aviv University, Israel. Supervisor: Prof. Shlomo Izre'el

Journal Publications
Cohen Evan-G., Silber-Varod, V., & Amir, N. (In press). The acoustics of primary and secondary stress in Modern Hebrew. *Brill's Journal of Afroasiatic Languages and Linguistics*.

Silber-Varod, V., Latin, M. & Moyal, A. (2017). The Frequency of Hebrew phonemes and phoneme clusters in a data-driven approach. *Literacy and Language (Oryanut Ve-Safa)*, 6: 22-36. (in Hebrew)

Silber-Varod, V., Blau, I., & Lis-Hacohen, R. (2017). Gender in shared navigation: men to Mars, women to Venus?. *Journal of Computer Information Systems*. DOI: 10.1080/08874417.2017.1326090

Silber-Varod, V. & Amir, N. (2016). Formant analysis of the mid-front vowel as realized in hesitation disfluencies in Hebrew. *Phonetician* (A Peer-Reviewed Journal of ISPhS/International Society of Phonetic Sciences).

Silber-Varod, V., Eshet-Alkalai, Y., & Geri, N. (2016). Analyzing the Discourse of Chais Conferences for the Study of Innovation and Learning Technologies via a Data-Driven Approach. *Interdisciplinary Journal of e-Skills and Lifelong Learning (IJELL)*.

Gonen, E., Silber-Varod, V., & Reshef, Y. (2016). A Corpus of Recordings of Spoken Hebrew from the 1960s: Textual Samples. *Karmilim 11* (Ha-Ivrit Ve-Achyoteha - Studies in Hebrew Language and its Contact with Semitic Languages and Jewish Languages). Haifa University and Ben Zvi Institute. (In Hebrew; English abstract).

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Silber-Varod, V.; Sagi, H.,& Amir, N. (2016). [The acoustic correlates of lexical stress in Israeli Hebrew](). *Journal of Phonetics*, *56*, 1-14. DOI 10.1016/j.wocn.2016.01.003

Silber-Varod, V. (2016). Review of Sun-Ah Jun (Ed.). (2014). Prosodic Typology: The Phonology of Intonation and Phrasing, Oxford: Oxford University Press (ix + 462 pp + a CD., including: Preface, List of Contributors and Index, wav files demos, ISBN 019-924963-6). *The Phonetician (a publication of the ISPHS – International Society of Phonetic Sciences)*, Vol. 111/112, pp. 89-93.

Tetariy, E., Bar-Yosef, Y., Silber-Varod, V., Gishri, M., Aloni-Lavi, R., Opher, I., Aharonson, V., & Moyal, A. (2015). Cross-Language Phoneme Mapping for Phonetic Search Keyword Spotting in Continuous Speech of Under-Resourced Languages. *Artificial Intelligence Research (AIR)*, *4*(2), 72-82.
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Silber-Varod, V. (2012). Hesitation disfluencies or predictable patterns? Towards a definition of Continuous Elongation as prosodic boundary tone. *Hebrew Linguistics A Journal for Hebrew Descriptive Computational Linguistics 66*, 83-105. (in Hebrew; English abstract).

Book

Silber-Varod, V. (2013). *The SpeeCHain Perspective: Form and Function of Prosodic Boundary Tones in Spontaneous Spoken Hebrew*. LAMBERT Academic Publishing.

Book Chapters

Silber-Varod, V. (2016). 'lo ohev ta … signon haze' (don't like the… this style) – prosody-syntax interface in hesitation disfluency environment. In Einat Gonen (Ed.) *Studying Spoken Hebrew*, *Te'uda*, *27* (pp. 229-250), Tel Aviv University Press. (In Hebrew)

Silber-Varod, V. & Green, H. (2016). Speech Prosody: An Introduction. In Einat Gonen (Ed.) *Studying Spoken Hebrew*, *Te'uda*, *27* (pp. 73-98), Tel Aviv University Press. (In Hebrew)

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Papers in Refereed Conference Proceedings

Silber-Varod, V., Lerner, A., Jokisch, O. (2017). Automatic Speaker's Role Classification With a Bottom-up Acoustic Feature Selection. *Proc. GLU 2017 International Workshop on Grounding Language Understanding*, pp. 52-56, DOI: 10.21437/GLU.2017-11.

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Bar-Yosef, Y., Opher, I., Aloni-Lavi, R., Lotner, N., Tetariy, E., Silber-Varod, V., Aharonson, V., & Moyal, A. (2012). Automatic Learning of Phonetic Mappings for Cross-Language Phonetic-Search in Keyword Spotting. *IEEE 27-th Convention of Electrical and Electronics Engineers in Israel IEEEI 2012*, November 14-17, 2012, Eilat, Israel.

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Conference Presentations

Silber-Varod, V., Blau, I., Lis-Hacohen, R. (2017). Gender differences in the motives of drivers using Waze application for shared navigation. Refereed Extended Abstract Proceedings - K*M Conference 2017* – June 21-24, 2017, Novo Mesto, Slovenia (A Publication of the International Institute for Applied Knowledge Management). This abstract was awarded as "Best Research Paper Award" by International Institute for Applied Knowledge Management (IIAKM). Available at:
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Silber-Varod, V. & Amir, N. (2017). "When two giants meet": The interaction between lexical stress and utterance-final prosody in spoken Hebrew. Presented at the *Workshop on Challenges in Analysis and Processing of Spontaneous Speech (CAPSS2017)*, Budapest, May 14–17, 2017.

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Silber-Varod, V. (2013). Prosody-syntax interface of hesitation-disfluencies and other prosodic boundaries. Presented at the *16th World Congress of Jewish Studies*. The Hebrew University in Jerusalem. July 28-August 1, 2013.

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Silber-Varod, V. (2011). Who cares about speech technologies for Hebrew? example from speech prosody analysis for ASR technology. *The third national annual conference of the ISEF foundation*, Jerusalem, June 12, 2011. (in Hebrew)

Invited Colloquium, Seminar Lectures and Workshops

2017. Hands-on workshop on Praat software, The Institute of Information Processing and Decision Making (IIPDM), University of Haifa, October, 19, 2017.

2017. Acoustic correlates of Lexical Stress in Spoken Hebrew: Short-Long or high-low?. The Department of Hebrew Language, The Hebrew University of Jerusalem, March 22, 2017. (in Hebrew)

2016. In search of the role's footprints in client-therapist dialogues: Analyzing speech prosody from a sociolinguistic perspective, INESC ID's Spoken Language Systems Laboratory (L²F - Laboratório de sistemas de Língua Falada), Lisbon, Portugal, June 22rd, 2016.

2016. The Acoustics of Lexical Stress: Towards Prosodic Typology in Spoken Hebrew, The Hebrew University of Jerusalem, March 22, 2016. (in Hebrew)

2016. A Linguistic Perspective on Hesitation Disfluencies: Evidence from Hebrew and Japanese, Tel Aviv University, March 3rd, 2016.

2015. Prosody – the Other Element of Speech. Department of Semitic Linguistics, Tel Aviv University, December 6th, 2015. (in Hebrew).

2015. Prosody – Analyzing the Hidden Information in Speech. Hochschule für Telekommunikation Leipzig (HfTL), November 25th, 2015.

2015. Prosody – Analyzing the Hidden Information in Speech: Evidence from Sociolinguistic Research. Quality and Usability Lab, Telekom Innovation Laboratories, Technische Universität Berlin, November 23rd, 2015.

2014. Speech prosody: The hidden increment in speech. A seminar lecture at the Baruch Ivcher School of Psychology. Interdisciplinary Center (IDC) Herzliya, May 5th, 2014.

2013. Cliticization of prepositions: Converging evidence from prosodic and morpho-syntactic analyses. The bi-weekly seminar of the Language, Logic and Cognition Center of the Hebrew University, The Hebrew University of Jerusalem, April 22, 2013.

2013. To ERR is human: Case studies of language technologies. Seminar of The Research Center for Innovation in Learning Technologies, The Open University of Israel, January 28, 2013 (in Hebrew)

כתבות והרצאות מוזמנות

<u>מכונות לומדות להקשיב</u>: על חילוץ עקבות דיגיטליים של הקול האנושי, מאת ד״ר ורד זילבר-ורוד וד״ר ענת לרנר, לקראת פרסום בבלוג מעבדת המדיה והמידע של האוניברסיטה הפתוחה, עיתון 'הארץ', אוגוסט 2017.

<u>סכר הידע</u>: עיבוד דיבור ושפה טבעית לתקשורת אדם-מכונה. הרצאת-מפתח במסגרת אירוע "העתיד כבר כאן": סיום קורסי למידה מעשית תשע"ו", המכללה האקדמית תל אביב-יפו, 19 ביוני 2016.

<u>האוניברסיטה הפתוחה הדיגיטלית: ארבעה עשורים בחזית טכנולוגיות הוראה ולמידה</u>, מאת ד"ר אינה בלאו וד"ר ורד זילבר-ורוד. מוסף "על הזמן: הזמן במחקר ובחוויה האנושית", עיתון הארץ, מאי 2016.

ורד זילבר-ורוד, **<u>מהפכת הדיבור בעיצומה ?</u>** בתוך: מגזין למנהלים גיליון מס' 10, קיץ 2015, האוניברסיטה הפתוחה.