

Sridhar Srinivasan

www.linkedin.com/in/sridhar-srinivasan83

ssri.oeaw@gmail.com Ph: +43-677-61382461

Citizenship: Indian, Permanent Residence – EU (Austria)



Work Experience

- **Freelance Consulting on ML & AI in Biomedical Technology** 2022 – 2023
Intersection of Machine Learning & Artificial Intelligence in Engineering & Biomedical contexts, Economic, Environmental, & Legal Considerations
- **Neuroscience of Cochlear Implants, ARI, OEAW, Austria** 2019 – 2022
Project management, Clinical Studies & Literature Review, Medical Writing, Experimental and Response modeling, Grant Writing, EEG, Data Analysis, Speech Perception, Attention, & Working Memory Experimental Design
- **Electric Hearing, ARI, OEAW, Austria** 2015 – 2019
Literature Review, Psychoacoustic Experiments, Data Science, CI Stimulation & Programming, Scientific Writing, Statistical Analyses, Publications, Posters, and Presentations
- **Cognition & Peripheral Hearing, University of Florida, Gainesville, USA** 2011 – 2014
Experimental Research, Signals and Systems, Selective Attention, Otoacoustic Emissions, EEG, Auditory Brainstem Response, Literature Review, Data Analysis
- **Systems Neuroscience, University of Florida, Gainesville, USA** 2007 – 2011
Animal Behavioral Training, Electrode implantation, Neuronal AP & LFP analysis, Publications, Posters, and Presentations
- **Imaging & Signal Analysis, University of Florida, Gainesville, USA** 2005 – 2007
Hydrological Modeling, LIDAR Data and Terrain Analysis, Rainfall Runoff, Human Gait Performance Analysis, Graphical User Interface, UX Research

Research Experience

Grant Writing, Experimental Design & Inference, Literature & Systematic Reviews, Project Planning & Management, Data & Statistical Analyses, Clinical Trials & Evaluation, Medical Device Regulation

Srinivasan S, Laback B, Majdak P & Arnoldner C (2020), Improving Interaural Time Difference Sensitivity using Short Inter-pulse Intervals with Amplitude-Modulated Pulse Trains in Bilateral Cochlear Implants. *Journal of the Association for Research in Otolaryngology* 21(1):105-20.

Srinivasan S, Laback B, Majdak P & Delgutte B (2018), Introducing Short Interpulse Intervals in High-Rate Pulse Trains Enhances Binaural Timing Sensitivity in Electric Hearing. *Journal of the Association for Research in Otolaryngology* 19(3), 301-315.

Srinivasan S, Keil A, Stratis K, Woodruff Carr KL & Smith DW (2012), Effects of cross-modal selective attention on the sensory periphery: cochlear sensitivity is altered by selective attention. *Neuroscience* 223:325–32.

(List of scientific works here <https://scholar.google.at/citations?user=jTl0MusAAAAJ&hl=en>)

Technical Skills

Techniques

Spectro-Temporal Analysis, Multidimensional scaling, Causality Modeling, Machine Learning, Clustering, PCA, Psychophysics, Speech Synthesis

Sridhar Srinivasan

www.linkedin.com/in/sridhar-srinivasan83

ssri.oeaw@gmail.com Ph: +43-677-61382461

Citizenship: Indian, Permanent Residence – EU (Austria)



Programming

Matlab (advanced), **Python** (intermediate), **R** (intermediate), **Perl** (intermediate)

Publishing

Microsoft **Office**, Adobe **Illustrator**, **Photoshop** Reference Management (**EndNote**, **Zotero**)

Content Management Systems (**WordPress**)

Teaching and Advising Experience

- | | | |
|---|--------------------------|-------------|
| • Behavioral Neuroscience | Undergraduate: 8x | 2007 – 2013 |
| • General Psychology | Undergraduate: 1x | 2012 – 2012 |
| • Introduction to Cognitive Neuroscience | Graduate: 2x | 2008 – 2010 |
| • Laboratory Methods in Psychology | Undergraduate: 1x | 2009 – 2009 |
| • Mentored Masters and Doctoral students, supervised two Masters theses | | |

Communication

- **Brain Awareness Week**, Society for Neuroscience, North Florida Chapter
- **Noise Awareness Day**, Acoustics Research Institute, Austrian Academy of Sciences
- Scientific material presentations to scientific and layperson audiences
~20 international talks and posters

Education

- | | |
|---|-------------|
| • Doctor of Philosophy (Behavioral and Cognitive Neuroscience)
University of Florida, Gainesville, Florida, USA | 2011 – 2014 |
| • Master of Science (Psychology) University of Florida, Gainesville, Florida, USA | 2007 – 2011 |
| • Master of Science (Electrical and Computer Engineering)
University of Florida, Gainesville, Florida, USA | 2004 – 2006 |
| • Bachelor of Engineering (Electronics and Communication Engineering)
Bharathiar University | 2000 – 2004 |

Languages

English (Native Level), **Hindi** (C2), **German** (B2), **Tamil** (Native)

Other Skills

- **Digital & Film Photography**
- **Islamic Art & Architecture**
- **Comic & Storyboard Design**
- **Geometric Design**

Career Breaks

- **2022 – 2023** : Career Trajectory Change
- **2024 –** : Family issues and personal travel, Upskilling

Sridhar Srinivasan

www.linkedin.com/in/sridhar-srinivasan83

ssri.oeaw@gmail.com Ph: +43-677-61382461

Citizenship: Indian, Permanent Residence – EU (Austria)



References

LABACK, DOZ. DR. BERNHARD

Gruppenleiter und Wissenschaftler

Psychoakustik und experimentelle Audiologie

Institut für Schallforschung

der Österreichischen Akademie der Wissenschaften

Tel. +43 1 51581-2514

Email: Bernhard.Laback@oeaw.ac.at

MAJDAK, DOZ. DR. PIOTR

Vizedirektor und Wissenschaftler

Psychoakustik und experimentelle Audiologie

Institut für Schallforschung

der Österreichischen Akademie der Wissenschaften

Tel. +43 1 51581-2511

Email: piotr.majdak@oeaw.ac.at

DR. ANDREAS KEIL

Distinguished Professor of Psychology

Department of Psychology and

Center for the Study of Emotion & Attention

University of Florida

Phone: +1 (352) 392-2439

Email: akeil@ufl.edu