Sneha Das

ASSISTANT PROFESSOR · DEPARTMENT OF APPLIED MATHEMATICS AND COMPUTER SCIENCE

Technical University of Denmark, Building 324, 2800 Kongens Lyngby

✉ sned@dtu.dk | ⌂ https://snehadas.github.io/ | ORCID: https://orcid.org/0000-0002-4017-1280

Research Area: Multi-sensor & low-resource ML and signal processing, Speech-technology, AI-security & safety.

Current and previous positions

Dec 2022 -	**Assistant Professor,**	Dept. Applied Mathematics & Computer Science, Technical University of Denmark (DTU)
2020 - 2022	**Postdoctoral researcher,**	Dept. Applied Mathematics & Computer Science, DTU
2020	**Visiting researcher,**	Fraunhofer IIS, Erlangen, Germany (May-July)
2016-2021	**Doctoral candidate,**	Dept. Signal Processing and Acoustics, Aalto University, Finland
2014-2016	**Research Assistant,**	International AudioLabs, Erlangen & Fraunhofer IIS, Germany
2013	**Project Assistant,**	Indian Institute of Science, Bengaluru, India

Education

Aalto University *Helsinki, Finland*
DOCTOR OF SCIENCE (TECHNOLOGY), SPEECH AND LANGUAGE TECHNOLOGY *Oct. 2016 - Nov. 2021*
- Title: "Robust and Efficient Methods for Distributed Speech Processing – Perspectives on Coding, Enhancement and Privacy"

Friedrich-Alexander Universität Erlangen-Nürnberg *Erlangen, Germany*
MASTER OF SCIENCE, COMMUNICATION AND MULTIMEDIA ENGINEERING *Oct. 2013 – Mar. 2016*
- Title: "Source modelling based on higher-order statitics for speech enhancement applications"

BMS Institute of Technology *Bangalore, India*
BACHELOR IN ENGINEERING, ELECTRONICS AND COMMUNICATION *Sep. 2009 – Aug. 2013*
- Title: "Gait prediction"

Funding & Awards

2024	**Work Package Leader, PI, consortium member**, EU Horizon MSCA-DN on AI alignment	*€603,576*
2023-2025	**Co-PI**, FAST (Fast Assessment of psychiatric Symptoms to Transform) Mental Health Care	*€269,000*
2023	**Travel grant**, Otto Mønsteds Fond	*DKK 7, 133*
2020	**Scholarship, PhD in ICT**, Nokia Foundation	*€5,000*
2019	**Scholarship for teachers in the field of technology**, Kansallis-Osake-Pankki foundation	*€1,000*

Teaching and Supervision Activities

Jan. 2023-	**Statistical Evaluation of AI**, Course-responsible, lecturer	
2023-	**Computational Data Analysis**, Lecturer	
Jan. 2022	**Introduction to applied statistics and R for PhD students**, Teaching assistant	
2017-2019	**Speech Processing**, Teaching assistant	
2020-	**18+ MSc projects & BSc project**, Main- and co-supervisor	

Scientific Service & Outreach (selected)

May 2024-	**AI expert**, AI-ACT CEN-CENELEC JTC21 standardization team of Algoirthm Audit
2024-	**Mentor**, IEEE Underrepresented Young Researchers (ME-UYR) Program & DDSA MP
Feb 2024	**D3A Conference, Danish Digitalization, Data Science and AI 1.0,** Session organizer
2023-	**International Speech Communication Association (ISCA),** Diversity Committee
2023-2025	**Security and Privacy in Speech communication (SIG),** Outreach and Education team
2023-	**Special-session and satellite event at Interspeech,** Co-organizer
2020-	**LASU & Diversity working group, Institutional Review Board, DTU Compute,** Member
2019-2020	**Aalto University Doctoral Association (Aallonhuiput),** Secretary & Board member
2017-2019	**MyData Conference,** Program team, session chair & volunteer

Reviewer Journal of the Audio Engineering Society, ICASSP, FAccT 2024 (Program committee), IMWUT-2022, YFRSW-2023

Metrics

Google Scholar: `https://scholar.google.com/citations?hl=en&user=eLO_3FUAAAAJ;`
Citations: 141; **h-index:** 6 (Google Scholar Sep 2024)

Personal information

Place of birth: Kolkata, India; **Date of birth**: 13 June 1991