



Jun Du

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Research Area:

1. Speech Signal Processing
2. Audio Signal Processing
3. Document Analysis and Recognition
4. Multimodal Signal Processing

Education

Ph. D degree, 2004-2009, University of Science and Technology of China (USTC)

Bachelor degree, 2000-2004, USTC

Work Experience

2025-present, USTC, Professor

2013-2024, USTC, Associate Professor

2010-2013, Microsoft Research Asia (MSRA), Speech Group, Associate Researcher

2009-2010, iFlytek Research, Research Manager

Awards and Honors

2024, [the first prize for National S&T Progress Award](#)

2024, the first place of [SELD task of DCASE challenge](#)

2024, the first place of [MMCSG task of CHiME-8 challenge](#)

2024, the first place of [NOTSOFAR task of CHiME-8 challenge](#)

2024, the first place of [ICME ASC Grand Challenge](#)

2023, [the first prize for Wu Wenjun AI S&T Progress Award](#)

2023, the first place of [DASR task of CHiME-7 challenge](#)

2023, the first place of [SELD task of DCASE challenge](#)

2023, the first place of [FSBED task of DCASE challenge](#)

2022, the best paper award for ISCSLP 2022

2022, the first place of [SELD task of DCASE challenge](#)

2022, the first place of [FSBED task of DCASE challenge](#)

2021, the first place of [22 tasks of OpenASR challenge](#)

2020, the first place of [DIHARD-III challenge](#)

2020, the first place of [SELD task of DCASE challenge](#)

2020, the first place of Track 1 of [CHiME-6 challenge](#)
2020, the first place of ICFHR Competition on [OffRaSHME](#)
2020, [APSIPA Distinguished Lecturer](#) (2020-2021)
2019, the first place of Task1 and Task2 of [ICDAR CROHME](#)
2019, the first place of Task1 of [CVPR ODAI challenge](#)
2018, [the first prize for Anhui Provincial S&T Progress Award](#)
[2018 IEEE Signal Processing Society Best Paper Award](#)
2018, the first place of all four tasks of [CHiME-5 challenge](#)
2018, the first place of all three tasks of [ICPR MTWI contest](#)
2018, the first place of all two tasks of [ICPR ODAI contest](#)
2018, the first place of two tasks of [ICHFR competition](#)
2018, the second place of [DIHARD-I challenge](#)
2016, the first place of all three tasks of [CHiME-4 challenge](#)
2015, the third place of [CHiME-3 challenge](#)
2015, the finalist of best student paper award for INTERSPEECH
2015, the finalist of best student paper award for LVA/ICA
2012, MSRA technology transfer award for contribution in Windows Phone 8
2012, Microsoft Ship-It award for Chinese handwriting recognition
2012, Microsoft Ship-It award for camera-based translation
2011, Microsoft Ship-It award for mouse-hovering function in Bing dictionary
2008, the finalist of best student paper award for ISCSLP
2006, the finalist of best student paper award for INTERSPEECH
2006, the finalist of best student paper award for ISCSLP

Teaching

Fall 2024, INFO6205P, Digital Signal Processing II
Fall 2024, 006205, Signal Modeling and Algorithm Practice
Spring 2024, INFO7405P, Speech Signal and Information Processing
Fall 2023, INFO6205P, Digital Signal Processing II
Spring 2023, 006205, Signal Modeling and Algorithm Practice
Fall 2022, INFO6205P, Digital Signal Processing II
Fall 2022, 006205, Signal Modeling and Algorithm Practice
Spring 2022, INFO7405P, Speech Signal and Information Processing
Fall 2021, INFO6205P, Digital Signal Processing II
Fall 2021, 006205, Signal Modeling and Algorithm Practice
Fall 2020, INFO6205P, Digital Signal Processing II
Fall 2020, 006205, Signal Modeling and Algorithm Practice
Spring 2020, INY6302, Speech Signal and Information Processing
Fall 2019, INY5204, Digital Signal Processing II
Fall 2019, 006M02, Statistical Data Modeling
Fall 2018, INY5204, Digital Signal Processing II
Fall 2018, 006M02, Statistical Data Modeling
Spring 2018, INY6302, Speech Signal and Information Processing

Fall 2017, INY5204, Digital Signal Processing II
Fall 2017, 006M02, Statistical Data Modeling
Fall 2016, INY5204, Digital Signal Processing II
Fall 2016, 006M02, Statistical Data Modeling
Fall 2016, 601011, Freshman Seminar “Science and Society”
Spring 2016, INY6302, Speech Signal and Information Processing
Fall 2015, 006M02, Statistical Data Modeling
Fall 2014, 006M02, Statistical Data Modeling
Fall 2014, 601011, Freshman Seminar “Science and Society”
Fall 2013, 006M02, Statistical Data Modeling
Summer 2013, 006M02, Statistical Data Modeling

Service

Associate Editor of IEEE Signal Processing Letters (2024-)
INNS Senior Member (2024.08)
CSIG Senior Member (2024.05)
[AASP TC Member of IEEE Signal Processing Society](#) (2023.12-)
[Challenges and Data Collection Subcommittee Member of IEEE SPS](#) (2023.08-)
[Chair of APSIPA SLA TC](#) (2023-2024)
CCF Senior Member (2021.09)
IEEE Senior Member (2021.02)
[SLTC Member of IEEE Signal Processing Society](#) (2019.12-)
Associate Editor of IEEE/ACM TASLP (2018.7-2022.7)
Vice Chair of APSIPA SLA TC (2020-2022)
Secretary of APSIPA SLA TC (2019-2020)
APSIPA SLA TC Member (2017-2019)
Session Chair and Grand Challenge Chair for ICASSP 2022/2023
Publicity Chair for INTERSPEECH 2020
Session Chair for IEEE SLT 2021
Session Chair for APSIPA 2018-2022
Special Session Organizer for INTERSPEECH 2018/2019
Special Session Chair for ISCSLP 2018
Award Committee Member for MLSP 2017
Session Chair for MLSP 2017
Session Chair for ISCSLP 2016
Session Chair for ChinaSIP 2014/2015

Projects

2024-2025, NDRC, Grant No. 2404-340161-04-04-420064
2022-2025, NSFC (General Program), Grant No. 62171427
2017-2020, NSFC (General Program), Grant No. 61671422
2017-2020, NSFC (United Fund) Subproject, Grant No. U1613211

2014-2016, NSFC (Youth Program), Grant No. 61305002
2017-2020, Key S&T Special Project of Anhui Province, Grant No. 17030901005
2013-2014, S&T Project of Anhui Province, Grant No. 13Z02008-4
2014-2016, NSF of Anhui Province, Grant No. 1408085QF101
2018-2020, USTC Research Funds
2018-2020, USTC Fundamental Research Funds for Central University
2023-2024, CVTE Collaboration Project
2022-2023, China Mobile Collaboration Project
2022-2023, Media Collaboration Project
2022-2023, Alibaba Collaboration Project
2022-2023, SenseTime Collaboration Project
2022-2023, OPPO Collaboration Project
2021-2022, Ximalaya Collaboration Project
2020-2021, Microsoft Research Asia Collaborative Research Grant
2017-2018, Microsoft Research Asia Collaborative Research Grant
2015-2016, Microsoft Research Asia Collaborative Research Grant
2017-2018, Samsung (Beijing) R&D Collaboration Project
2017-2018, Wechat Collaboration Project
2020-2021, Huawei Noah's Ark Collaboration Project
2018-2019, Huawei Noah's Ark Collaboration Project
2017-2018, HiSilicon Collaboration Project
2020-2021, Tencent Collaboration Project
2019-2020, Tencent Collaboration Project
2018-2019, Tencent Collaboration Project

Patent (Issued)

2024, 音视频唤醒方法、系统、设备及存储介质, ZL202110665499.8
2024, 语音增强方法, ZL201810827229.0
2023, 基于数据增强训练的多特征融合神经机器翻译检错方法, ZL202110378632.1
2020, 连续语音识别方法及系统, ZL201510181631.2
2021, Method, apparatus and storage medium for recognizing character, US10949701
2016, Actionable content displayed on a touch screen, US9329692
2016, Translating language characters in media content, US9251144
2015, Rotation-free recognition of handwritten characters, US8977042

Publications

I have published more than **300** journal and conference papers with **11000+** Google Scholar citations (the full publication can refer to [Google Scholar website](#)).