

國立清華大學第十屆傑出產學研究獎得獎人簡介



電機工程學系 李祈均教授

李教授研究著重於開發「多模態機器智能於人本運算」，以訊號處理及機器學習為核心，專注於語音技術、情感運算、智慧醫療等領域，共發表了約 170 篇國際論文，引用數超過 6400 次，5 度獲得國際學術會議論文獎，2 度於世界級國際競賽(ComparE Challenge)奪冠，是台灣少數的跨領域研究團隊。

李教授積極與國際接軌，近 5 年以主持人身分執行 28 項產學合作，合作對象包含國內外頂尖公司，如美國 Johnson & Johnson、美國 Qualcomm、驛訊電子、安聯人壽、玉山銀行、全球人壽等。在學研合作上，與臺大醫院、美國匹茲堡大學醫學院合作共同開發出 3 項專利，並與美國德州大學 MSP Lab 共同建置多語種大型語音資料庫，研究成果獲國際認可。

李教授熱心參與國際學術服務，目前擔任國際學術期刊 IEEE Transactions on Affective Computing 及 Journal of Computer Speech and Language 之副主編，亦多次擔任國際研討會 ICASSP、INTERSPEECH 及 ICMI 等的規劃委員。李教授也主導爭取並成功獲得 IEEE Workshop on Automatic Speech Recognition and Understanding (ASRU) 2023 的主辦權，借此提升台灣在 AI 領域的國際能見度。

李教授目前為 IEEE Senior Member，也曾獲第八屆傑出人才基金會年輕學者創新獎、李國鼎青年研究獎(2020)、優秀青年電機工程師獎(2020)、清大產學合作績優獎(2021,2023)及傑出產學研究獎(2023)、國科會未來科技獎(2018,2019)、美律實業電聲論文銅質獎(2019,2021)等殊榮，努力備受肯定。

Prof. Lee's research focuses on multimodal machine intelligence for human-centered processing" with signal processing and machine learning as its core components. His research interests include speech processing, affective computing, and health analytics. He has published over 170 papers, accumulated over 6400 citations. Prof Lee has received 5 times conference best paper awards and has won the ComparE Challenge, an international competition, twice. He is one of the few researchers in Taiwan leading interdisciplinary research teams.

Prof. Lee is actively engaged internationally, having led 28 industry-academic cooperation projects in the past five years, including collaborations with top companies both domestically and abroad, such as Johnson & Johnson, Qualcomm, C-media, Allianz President Life Insurance, E.SUN Commercial Bank, and TransGlobe Life Insurance. He has developed three patents in partnership with National Taiwan University Hospital and the University of Pittsburgh School of Medicine. Additionally, he jointly established a large multilingual speech database with the University of Texas at Austin's MSP Lab, expanding his research endeavor across the globe.

Prof. Lee is involved in international academic service. He currently serves as an associate editor for top journal such as IEEE Transactions on Affective Computing and Journal of Computer Speech and Language. He has also been an organization committee member for top conferences such as ICASSP, INTERSPEECH, and ICMI. Prof. Lee has is hosting the IEEE Workshop on Automatic Speech Recognition and Understanding (ASRU) 2023 in Taiwan, further enhancing Taiwan's international visibility in the field of speech AI.

He is currently an IEEE Senior Member and has received numerous awards, including the 8th the Foundation of Outstanding Scholar's Young Innovator Award, the IICM K. T. Li Young Researcher Award (2020), the CIEE Outstanding Young Electrical Engineer Award (2020), the NTHU Industry Collaboration Excellence Award (2021, 2023), the Outstanding Industry-Academia Research Award (2023), the MOST Futuretek Breakthrough Award (2018, 2019), and the Merry Electroacoustics Thesis Award (2019, 2021), among others. His efforts have been widely recognized.