

# 專題演講

講者：陳經儂 Prof. Yun-Nung Chen (National Taiwan University)

題目：Towards Conversational AI (邁向對話式人工智慧)

摘要：

Even conversational systems have attracted a lot of attention recently, the current systems sometimes fail due to the errors from different components. This talk presents potential directions for improvement: 1) we first focus on learning language embeddings specifically for practical scenarios for better robustness, and 2) secondly we propose a novel learning framework for natural language understanding and generation on top of duality for better scalability. Both directions enhance the robustness and scalability of conversational systems, showing the potential of guiding future research areas.

簡歷：

Yun-Nung (Vivian) Chen is currently an associate professor in the Department of Computer Science & Information Engineering at National Taiwan University. She earned her Ph.D. degree from Carnegie Mellon University, where her research interests focus on spoken dialogue systems, language understanding, natural language processing, and multimodality. She was recognized as the Taiwan Outstanding Young Women in Science and received Google Faculty Research Awards, Amazon AWS Machine Learning Research Awards, MOST Young Scholar Fellowship, and FAOS Young Scholar Innovation Award. Prior to joining National Taiwan University, she worked in the Deep Learning Technology Center at Microsoft Research Redmond. (<http://vivianchen.idv.tw/>)