

## 國立清華大學第 25 屆新進人員研究獎得獎人簡介



資訊工程學系 郭柏志助理教授

郭柏志於 2020 年加入國立清華大學資訊工程學系擔任助理教授。他於 2016 年取得國立交通大學資訊科學與工程研究所的博士學位，畢業後於中央研究院統計科學研究所擔任博士後研究學者，從事神經造影技術的開發與研究。2019 至 2020 年，他於麻省理工學院生理計算實驗室擔任博士後研究學者，致力於將機器學習方法應用在臨床醫療場域。2015 至 2016 年他以學生身份訪問加州大學聖地牙哥分校計算神經科學中心；2017 年至東京數理統計研究所進行短期訪問；2019 年於德國尤利西研究中心擔任訪問研究員，與 Karl Zilles 合作進行腦神經傳導物質的分析建模。目前郭老師所帶領的人本機器智慧實驗室以神經造影、AI 健康照護、腦機介面與機器學習演算法為主要研究方向，實驗室的目標是開發並應用可信任 AI 幫助人類解決重要問題。他曾發表論文於 NeuroImage、Human Brain Mapping、npj Digital medicine 和 Lancet Digital Health 等國際重要期刊，同時也是 IEEE、RSNA、ISMRM、OHBM、ESICM 的會員。

Po-Chih Kuo joined the Department of Computer Science, National Tsing Hua University (NTHU), Taiwan as an Assistant Professor in 2020. He received his Ph.D. degree from Institute of Computer Science and Engineering at National Chiao Tung University (NCTU). He was a Postdoctoral research fellow from 2016 to 2019 in the functional neuroimaging lab at Institute of Statistical Science, Academia Sinica and a Postdoctoral research fellow in the Laboratory for Computational Physiology at Institute for Medical Engineering & Science, MIT from 2019 to 2020. He was a visiting student at Swartz Center for Computational Neuroscience, University of California, San Diego from 2015 to 2016. In 2017, he visited the Institute of Statistical Mathematics, Tokyo, Japan. In 2019, he was a visiting researcher in Prof. Karl Zilles's lab at Institute of Neuroscience and Medicine in Research Centre Jülich. Po-Chih is

now the PI in Human-Centered Machine Intelligence Lab and his research interests are in neuroimaging, healthcare AI, brain computer interface, and machine learning. His lab focuses on developing trustworthy AI to help humans to solve real-world problems. He has published papers on NeuroImage, Human Brain Mapping, npj Digital medicine, and Lancet Digital Health. He is a member of IEEE, RSNA, ISMRM, OHBM, and ESICM.