



李典儒博士現任國立臺灣大學機械工程學系助理教授，並於 2022 年建立智慧與先進製造實驗室 (Smart and Advanced Manufacturing Lab, SAM Lab)。她於 2019 年獲得美國密西根大學安娜堡分校機械工程博士學位，並於 2020 至 2022 年間擔任 Zap Surgical Systems 公司的資深研發機械工程師。李博士的研究著重於先進與智慧製造技術，特別是在積層製造、智慧製程控制與生物製造領域。她致力於整合尖端技術，以提升產品品質、減少製程浪費，並推動醫療器材之研發與創新。她曾主導多項與產業及臨床單位合作的跨領域研究計畫，探索先進製造技術與醫療器材的創新應用。李博士曾於 2018 年獲麻省理工學院選為機械工程領域的「新星女性學者 (Rising Star)」，並於 2020 年榮獲密西根創業競賽 (Michigan Business Challenge) 首獎。目前已發表 12 篇期刊論文、10 篇國際研討會論文，並擁有多項專利申請與核准，其中包括一項美國專利。她亦為美國機械工程師學會 (ASME) 會員。

Dr. Dian-Ru (Annie) Li is an Assistant Professor in the Department of Mechanical Engineering at National Taiwan University, where she leads the Smart and Advanced Manufacturing Lab (SAM Lab). She earned her Ph.D. from the University of Michigan – Ann Arbor in 2019 and worked as a Senior R&D Mechanical Engineer at Zap Surgical Systems from 2020-2022. Dr. Li's research focuses on advanced and smart manufacturing, particularly in additive manufacturing, intelligent process control, and bio-manufacturing. Her work integrates cutting-edge technologies to improve product quality, reduce waste, and advance medical device development. Dr. Li has led multidisciplinary projects with industry and clinical partners, exploring innovations in smart additive manufacturing and medical devices. Her expertise spans tool-workpiece interaction, product design, and commercialization. Recognized as a Rising Star in Mechanical Engineering by MIT in 2018, Dr. Li won the First Prize at the Michigan Business Challenge in 2020. She has 12 peer-reviewed journal articles, 10 conference proceedings, and several pending/granted patents, including one USA patent. She is a member of ASME.