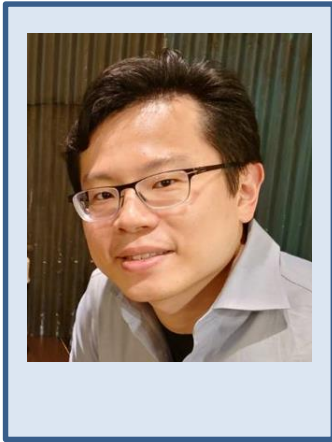


簡歷/Speaker CV

游聲盛/Sheng-Sheng Yu



國立成功大學 化學工程學系/Department of Chemical Engineering, National Cheng Kung University

國立成功大學 核心設施中心/Core Facility Center, National Cheng Kung University

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Short CV (200-500 words)

Sheng-Sheng Yu received his B.S. from National Tsing-Hua University in 2011, before moving to Georgia Tech to pursue his Ph.D. in Chemical and Biomolecular Engineering (2017). After a short postdoc at University of California, Berkeley, he began a faculty position at National Cheng Kung University in the Department of Chemical Engineering (now, Associate Professor), where since 2021, he has also been Division Director of the Promotion & Service Division, Core Facility Center, as well as Deputy Director of the Program on Smart and Sustainable Manufacturing, Academy of Innovative Semiconductor and Sustainable Manufacturing. His research group focuses on developing green and sustainable processes for polymeric materials. More specifically, he combines polymer chemistry, biochemistry, and mathematic modeling to reduce the cost and environmental impacts of producing valuable materials. For instance, he has utilized alternative solvents to facilitate peptide bond formation and photo-induced controlled radical polymerization. Moreover, he employed bio-based materials such as cellulose for additive manufacturing of functional nanocomposite.