Dr. **Yunlong Tang** has been a lecturer at Monash University since 2020, holding a joint appointment in the Department of Mechanical and Aerospace Engineering and the Department of Materials Science and Engineering. He earned his Ph.D. from McGill University, Canada, in 2018. In addition to his academic role, Dr. Tang serves as the Assistant Director of the Monash Centre for Additive Manufacturing and the Academic Director of the Digital Twin Manufacturing Lab at Monash Innovations. His research is at the cutting edge of digital design and manufacturing, with a focus on smart manufacturing, additive manufacturing, sustainable design, AI-aided design, CAD/CAM, and the design and fabrication of lattice and cellular materials. Dr. Tang is particularly interested in utilizing AI and machine learning to advance engineering structures and materials. With over a decade of international R&D experience, he has led several projects across China, Canada, Europe, Singapore, and Australia. His work has consistently placed him in the top 2% of scientists, as recognized by Stanford University in the last three years.