



Dr. Keke Tang is an Associate Professor at Tongji University, China. His research specializes in computational fracture mechanics, with a particular focus on fatigue behavior and multiscale modeling of advanced materials. A central theme of his work integrates deep learning with traditional mechanics approaches to advance the prognosis and understanding of the entire failure process in engineering materials—from initial damage evolution to final fracture. Dr. Tang has made substantial contributions to the field, with over 100 publications in leading international journals such as *Computer Methods in Applied Mechanics and Engineering*, *International Journal of Fatigue*, *Engineering Fracture Mechanics*, and *Composites Science and Technology*. He is also an active participant in the global mechanics community, serving as an Editor for the *Chinese Quarterly of Mechanics*, holding organizational roles in several international conferences including ICF14 and ICEAF, and regularly reviewing for more than 30 international journals.