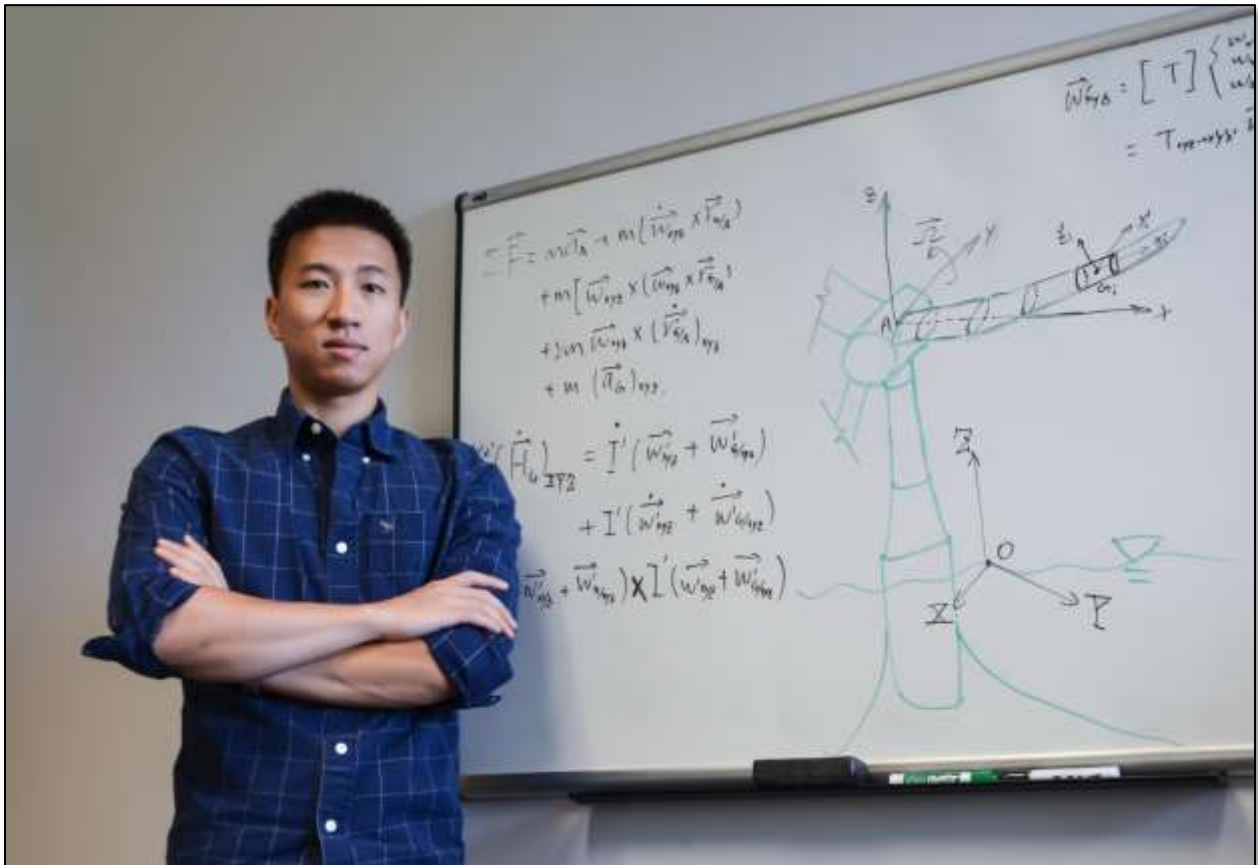


Shanran Tang, MASE

Numerical and Statistical Analyses of Dynamic Response and Fatigue Damage for Offshore Floating Wind Turbines

My studies focus on developing a new method to compute the blade vibration in a non-inertia reference frame in the order to calculate the accumulative fatigue damage to floating wind turbine blades. It is critical for the future development of offshore wind energy.



A new method to attack the fatigue problem of offshore floating wind turbine blades.