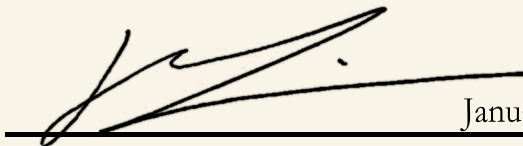# CERTIFICATE

This certificate is presented to

Jiawei Zhang, Jun Li, Reachsak Ly, Yunyi Liu, Jiangpeng Shu

for winning the Excellence Award in the 1st International Project Competition for Structural Health Monitoring (IPC-SHM 2020) with paper entitled of

"Deep Learning-Based Fatigue Cracks Detection in Bridge Girders using Feature Pyramid Networks"

Congratulations!

January 15, 2021

Prof. Hui Li, Chair
Harbin Institute of Technology

January 15, 2021

Prof. Billie F. Spencer Jr, Co-Chair
University of Illinois at Urbana-Champaign