

## Biography

Dr. Benjamin Vien is a Research Fellow at the Department of Mechanical and Aerospace Engineering, Monash University. He graduated with a B.Eng (Mech)(First Hons.)/B.Sc in 2012 and, a Ph.D. in Engineering in 2017. His interests are in the multidisciplinary field of structural and human health monitoring, in particular, for healthcare and defence-related applications. Dr. Vien is a lead researcher on artificial intelligence capabilities for a digital twin of highly valuable assets in collaboration with Melbourne Water Corporation. He also is a key investigator on patented medical devices for the diagnosis of bone-implant osseointegration and fractured femurs and on acoustic wave interrogation of novel single crystal transducers.

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