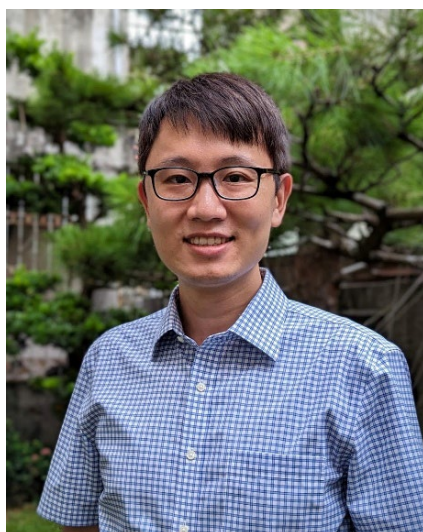


國立清華大學第 26 屆新進人員研究獎得獎人簡介



動力機械工程學系 田孟軒助理教授

田孟軒博士於 2020 年五月由美國 The Ohio State University 取得機械工程博士學位後，於同年八月加入國立清華大學動力機械工程學系擔任專任助理教授。田博士分別於 2009 年由國立中央大學機械工程學系取得學士學位，於 2011 年由國立台灣大學機械工程研究所取得碩士學位。田教授的研究興趣包含結構動力學分析、振動控制、非線性建模、結構破壞檢測、及振動獵能系統設計等；田教授特別在非線性振動分析方法的研究主題上已發表許多國際期刊論文，其研究團隊所提出之模擬分析技術已成功應用於航太結構、能源系統、及精密機械系統的設計及破壞識別。田教授過去留美期間曾獲得 The Ohio State University 頒發 Presidential Fellowship，並於服務清華期間多次指導學生於國際以及國內研討會獲得論文獎的肯定。田教授於 2023 年獲頒國立清華大學工學院新進人員研究獎，並獲選為 ASME Technical Committee of Vibration and Sound 技術委員。

Dr. Tien joined the Department of Power Mechanical Engineering at National Tsing Hua University (NTHU) as an Assistant Professor in August 2020 after receiving his Ph.D. in Mechanical Engineering from The Ohio State University in May 2020. Dr. Tien received his bachelor's degree from National Central University in 2009 and master's degree from National Taiwan University in 2011, both in Mechanical Engineering. Dr. Tien's research interests include structural dynamics analysis, vibration control, nonlinear modeling, structural damage diagnosis, and vibration energy harvesting. In particular, Dr. Tien's research on nonlinear analysis methodology has made a significant contribution within the global academic community. The innovative techniques developed by his group have found practical applications in diverse fields, including aerospace structure identification, energy system optimization, and mechanical structure design. Dr. Tien received the Presidential Fellowship from The Ohio State University during his Ph.D. career. After joining NTHU, he has mentored several graduate students to receive recognition with conference paper awards. Dr. Tien was awarded the New Faculty Research Award from the College of Engineering at NTHU and elected as a member of the ASME Technical Committee of Vibration and Sound, both in 2023.

- Prof. Tien's Google Scholar profile and research website:

