

Meng Wang

PhD Student

- ▶ 1996.05.04
- ▶ Born in: China
- ▶ Email:
meng.wang@uniroma1.it

Language

Chinese Native

English Good

Skills

Phononic Crystals 2 yrs.

Vibrations 2+ yrs.

FEA 2+ yrs.

Fluid-Solid coupled 1 yr.

Interests

- ▶ Music
- ▶ Movies
- ▶ Civilization VI

Education

PhD: 2022 - Now Università degli Studi di Roma "La Sapienza"

MSc: 2018 - 2021 Università degli Studi di Roma "La Sapienza"

BSc: 2014 - 2018 Tongji University

Publications

International Publications:

Wang, M., Pau, A., Zhang, G., Kundu, T. Monitoring prestress in plates by sideband peak count-index (SPC-I) and nonlinear higher harmonics techniques, *Nonlinear Dynamics*, 2023, 111(17)

Wang, M., Pau, A., Lepidi, M. Design of mechanical metamaterials based on biphasic periodic microstructures, *X ECCOMAS Thematic Conference on Smart Structures and Materials*, Greece

Wang, M., Pau, A. Stress Monitoring of Plates by Means of Nonlinear Guided Waves, *European Workshop on Structural Health Monitoring, EWSHM 2022*

National Publications:

Li, L., **Wang, M.** Simulation Research on Air-Coupled Ultrasonic Unilateral Testing of Composite Materials. *Western China Acoustics Academic Conference*, pp.322-325, 2020.

Li, L., **Wang, M.** Numerical simulation of Lamb wave generated by air-coupled ultrasonic transducer. *Technical Acoustics*, vol.37(6), 19-22, 2018.

Honors and Awards

2023: Research Grants of "La Sapienza"

2023: Project selected in Maker Faire ROMA 2023

2021: Best team awards in NTU Singapore, School of Electrical & Electronic Engineering Spring subject: Analysis of Signals and Communication Systems

2018: 3rd Place in First Undergraduate Academic Exchange Meeting of School of Aerospace Engineering and Applied Mechanics, Tongji University

2017: 2nd Place in 9th International Composite Material Student Contest of Society for the Advancement of Material and Process Engineering (SAMPE), Beijing