



NARIMANE HASSAINE

Nationality/ Nazionalità: Algeria **Date of birth/ Data di nascita:** 05/07/1996

Gender/ Sesso: Female/ Femmina

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Home/ Indirizzo di residenza: Ancona, Italy

ABOUT ME / Su di me

Ph.D. candidate in Industrial Engineering, focused on optical techniques for mechanical measurements.

Doctorando in Ingegneria Industriale, specializzato in tecniche ottiche per misurazioni meccaniche.

EDUCATION AND TRAINING / ISTRUZIONE E FORMAZIONE

Ph.D. in Industrial Engineering

Universita polytechnic dell marche [2025 – Current]

City: Ancona | **Country:** Italy | **Field(s) of study:** optical technique for mechanical measurement

Ph.D. in Mechanical Engineering

National School of Advanced Technology (ENSTA) [2021 – Current]

City: Algiers | **Country:** Algeria | **Field(s) of study:** damage detection in composite structures through vibrational analysis

Internship

Laboratory of the Department of Civil and Building Engineering, Polytechnic University of Marche [05/2024]

City: Ancona | **Country:** Italy

Master of Engineering in Mechanical Systems

National Higher School of Technology [2018 – 2020]

City: Algiers | **Country:** Algeria | **Field(s) of study:** Experimental and Numerical Study of the Machining of a Multi-Material Composite consisting of Carbon/Epoxy and Titanium | **Final grade:** Honors: With Merit

Bachelor of Science in Mechanical and Production Engineering

National Higher School of Technology [2015 – 2018]

City: Algiers | **Country:** Algeria | **Field(s) of study:** Development and Implementation of an Electrical Cabinet | **Final grade:** Honors: With High Distinction

Baccalaureate in Technical Mathematics

El Aroussi Hadj El Kadour High School [2015]

City: Algiers | **Country:** Algeria

PUBLICATIONS / PUBBLICAZIONI

[2022]

Study of crack's effect on the natural frequencies of bi-directional functionally graded beam [https://](https://www.tandfonline.com/doi/abs/10.1080/15397734.2022.2113408)

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CONFERENCES AND SEMINARS / CONFERENZE E SEMINARI

Intentional conference - conference (CME2022) Author: hassaine narimane / co- authors : Touat Noureddine and Dahak Mustapha / title : vibration analysis of cracked beam ,[2022] **Ecole Militaire Polytechnique** ,Algeria

Intentional conference - conference (MAT SCIENCE-2022) Author: hassaine narimane / co- authors : Touat Noureddine and Fellah ahmed / title : study of the vibrational behaviour of functionally graded cracked beam, [2022] Abbes Laghrour University ,Algeria .

Intentional conference - conference (ICMSA-2023) Author: hassaine narimane / co- authors : Fellah ahmed and chaterbache omar / title : Identification of cracks in functionally graded material beams using the h- version of finite element method [2023] Abbes Laghrour University ,Algeria

National conference - conference (ICMSA-2024) Author: hassaine narimane / co- authors : Dahak Mustapha / title: simulation of cracked FGM beam by Finite Element Methods] National High School of Advanced Technology (ENSTA), Algeria

LANGUAGE SKIL / COMPETENZE LINGUISTICHE

Arabic , French , English / Arabo, Francese, Inglese

DIGITAL SKILLS / COMPETENZE DIGITALI

Microsoft office / SolidWorks / Matlab / Abaqus / Ansys