

Mohammad Mahinfalah, Ph.D.

Professor, Program Director MS Engineering at Milwaukee School of Engineering

Milwaukee, WI, US

Mohammad Mahinfalah is an expert in impact testing and vibrations.

Biography

Dr. Mohammad Mahinfalah is a professor and program director in MSOE's Mechanical Engineering Department. He teaches Advanced Mechanical System Design, Experimental Stress Analysis, and Senior Design. He earned his bachelor's degree in mechanical engineering, and his master's and doctorate degrees in engineering mechanics. All three degrees were obtained from Iowa State University. He was awarded the 2011-2012 Falk Teaching & Service Award from MSOE, the 2006 Faculty Advisor of the Year from the American Society of Mechanical Engineers (ASME), 2005 ASME Dedicated Service Award, 1997 ASME Region VII Faculty Advisor of the Year, and 1997 Apple Polisher Award. He also has teaching experience at North Dakota State University, Fargo and Iowa State University, and has industry and consulting experience across a variety of organizations.

Areas of Expertise

Impact Testing and Vibrations, Experimental Mechanics, Mechanical Engineering, Composite Materials

Affiliations

American Society of Mechanical Engineers (ASME) : Member

Event and Speaking Appearances

Acceleration in Kinematics

ASME International Mechanical Engineering Congress & Exposition

Finite Element Verification of the Mathematical Modeling of Thermal Effects in Flexural Microcantilever resonators Dynamics

ASME International Mechanical Engineering Congress & Exposition

Design of a low cost Apparatus for Torsion Testing

ASME International Mechanical Engineering Congress & Exposition

A Component Centric Approach to Structural Analysis of Mechanisms

ASME International Mechanical Engineering Congress & Exposition

Education, Licensure and Certification

Ph.D.

Engineering Mechanics Iowa State University

M.S.

Engineering Mechanics Iowa State University

B.S.

Mechanical Engineering Iowa State University

Accomplishments

ASME Outstanding Student Section Advisor Award
2019

Falk Engineering Educator Award, MSOE
2012

American Society of Mechanical Engineers (ASME) : Fellow
2011

American Society of Mechanical Engineers (ASME), District C, Faculty Advisor of the Year
2006

ASME Dedicated Service Award
2005

ASME, Region VII Faculty Advisor of the Year
1997

Outstanding Teacher of the Year Award
1992-1993 College of Engineering and Architecture, North Dakota State University

Pi Tau Sigma and Pi Upsilon Chapter Carnot Award
1991-1992

Iowa State University Teaching Excellence Award
1987

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