

# Mostafa Hasanian

Ultrasonic Scientist, MISTRAS Inc. NJ, US.  
Ph.D.

## Contact info

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## Fields of Studies

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- Acoustics and ultrasonics,
- Material characterization and modeling,
- Smart signal processing and artificial intelligence,
- Robotic inspection in hazardous and high temperature environments.

## Education

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Doctor of Philosophy, (May 2019)  
Department of Engineering Science and Mechanics, Penn State University.

Master of Science, (2010)  
Mechanical Science: Sharif University of Technology.

Bachelor of Science, (2008)  
Mechanical Engineering: Sharif University of Technology.

## Honors and Awards

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- Scholarship 2018 Dr. Richard E. Llorensaward (2018)
- Graduate Robert A. Sebrosky fellowship2016 students (2016)
- ASNT Fellowship Award "*Robotic Laser Ultrasonics for Remote Detection of Stress Corrosion Cracking in Harsh Environments*" project for NDT on nuclear waste storage canisters. (2016)
- Penn State *ESM Top Up Award*,February(2013)
- International Scholarship and Melbourne research Scholarship,Australia, (2013)

## Peer-Reviewing Services

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- Applied Physics Letters
- Journal of Applied Physics
- Acoustics
- Symmetry
- Structural Health Monitoring
- Materials Evaluation
- Applied Sciences