

Shape Memory Materials Virtual Contest Awardee

The contest theme aligns with the 2025 Workshop on MedTech for Design and Manufacturing with Nitinol and encompasses all areas of shape memory materials, with a special emphasis on medical applications.

Please join us in congratulating this year's outstanding winner. We are proud to recognize their achievement and the high caliber of work submitted by all participants.



Abdelrahman Elsayed is a Postdoctoral Researcher in the Department of Materials Science and Engineering at Texas A&M University, working under Dr. Ibrahim Karaman. He earned his Ph.D. in Materials Science and Engineering from Texas A&M University in 2025 and his B.S. in Mechanical Engineering from the University of Nebraska–Lincoln in 2021. His work focuses on shape memory alloys, laser powder bed fusion, and functionally graded architectures, with contributions spanning NiTi, NiTiHf, and adaptive interlocking metasurfaces.

[Elsayeda_Abdelrahman video3005642217.mp4](#)