



For Immediate Release

ASME Foundation Welcomes Columbia Mishra, Ph.D., to its Board of Directors

NEW YORK (July 22, 2024) — The ASME Foundation, the philanthropic arm of the American Society of Mechanical Engineers, has announced the addition of Columbia Mishra, Ph.D., to its board of directors. Mishra, an ASME Fellow, is a co-founder and chief technology officer of the Global Space Industry Trade Association.

"Dr. Mishra not only brings tremendous insight and experience to the ASME Foundation board of directors, but she is also an enthusiastic advocate for our core philanthropic goals of equity in engineering and sustainability for the world," said Stephanie Viola, executive director of the ASME Foundation and managing director of ASME Philanthropy. "As a next-generation engineering leader, she embodies our efforts to increase diversity in the engineering profession and to nurture new technologies that advance global sustainability."



Mishra has more than 18 years of industry and research experience in diverse technology sectors, including at Intel, Apple Inc., Stress Engineering Services, Makino Asia, and Tata Motors. Most recently, she was a systems engineering manager and program chief engineer at Maxar Technologies, overseeing the full technical development of four different commercial satellite programs. She has worked on multiple space programs developing next-generation spacecraft for a range of missions, including NASA's Artemis Mission to the Moon and proliferated low Earth orbit satellites.

Mishra has held several leadership roles within ASME. She currently also serves on ASME's technical and engineering committees council, overseeing all ASME publications, technical divisions, committees, and technology groups.

"I'm delighted to deepen my involvement with the world's premier engineering professional society by serving on the board of the ASME Foundation," said Mishra, who is also a past recipient of an ASME Foundation scholarship. "I benefited immensely from the Foundation's philanthropic programs, and hope in this new role to open doors of opportunity for other aspiring engineers through realizing our vision of an equitable and sustainable future."

Mishra received her doctorate in mechanical engineering from The University of Texas at Austin, a Master of Science degree from Texas Tech University, and her undergraduate degree from Jadavpur University, Kolkata, India, also in mechanical engineering. Her research has been published in *Nature Materials* and the *Journal of Fluid Mechanics*, among other publications. She won the prestigious Qualcomm Innovation Fellowship and holds six patents (pending), three granted for her work in thermal architecture and innovation in electronic systems. UT Austin inducted her into its Mechanical

Engineering Academy of Distinguished Alumni for her contributions to the profession. She is a past recipient of the ASME Lakshmi Singh Early Career Leadership Award, Society of Women Engineers (SWE) Emerging Leader Award, and recently was selected as one of the Top 40 under 40 by the Silicon Valley Business Journal.

About ASME Foundation

The ASME Foundation is the philanthropic arm of the American Society of Mechanical Engineers (ASME), supporting an array of programs in three core pillars: engineering education, career engagement, and global development. With the goal of empowering tomorrow's technical workforce, the ASME Foundation advances equitable access both to professional opportunities and to engineering innovations that improve quality of life. For more information, visit www.asmefoundation.org.

About ASME

ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing, and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education, and professional development programs provide a foundation for advancing technical knowledge and a safer world. In 2020, ASME formed the International Society of Interdisciplinary Engineers (ISIE) II & III LLC, a new for-profit subsidiary to house business ventures that will bring new and innovative products, services, and technologies to the engineering community. For more information, visit www.asme.org.

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