

Speaker:

Prof. Marcia Mantelli:

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Marcia H. Mantelli received a Ph.D in Mechanical Engineering from the University of Waterloo, Canada, in 1995. She worked at INPE from 1983 to 1998, developing spacecraft thermal control systems. In 1999, she joined the Federal University of Santa Catarina, Brazil, as mechanical engineering faculty Professor, starting a heat pipe laboratory for space applications, which now has provided thermal solutions for a wide range of industries. She received several grants from major industries in Brazil and, under her supervision, a 2000m² laboratory building, dedicated to heat pipe technologies research, was constructed. As result of her cooperation with the industry, she holds more than ten patents and authored (and co-authored) over 200 publications. In 2021, she published, as the only author, the book: *Thermosyphons and Heat Pipes: Theory and Applications*, by Springer and Nature. She supervises/supervised over 30 doctoral thesis and 60 master's dissertations. She received 18 awards, including Claudia Magazine's best woman scientist in Brazil, in 2012 and "Women in Highlight", from CREA, in 2015. She is Associate Fellow and Associate Editor of AIAA International Journal of Thermophysics and Heat Transfer and reviewer of fifteen of the major international journals in her research area. She is Associate Editor of the Elsevier International Journal of Thermofluids. She recorded a TEDxTalk video in 2014. She has frequently been invited for round table and talks about the participation and contributions of women in engineering.