

METS2 Short Course 7



Dr. Vishwas Iyengar has over seven years of experience in the industry, including four and a half years at Southwest Research Institute. His interests include gas turbine failure analysis, fluid dynamics and heat transfer for the oil, petrochemical, and process industry applications.



Dr. Sean Tavares is a Principal Engineer in the Machinery Program at Southwest Research Institute. Since joining SwRI, he has been a project leader for several projects related to gas turbines and compression equipment used in the oil and gas and power generation industries. These projects have involved performance testing, failure analysis, equipment design and selection, and other topics. He is, in addition, interested in various other technologies related to aerospace, propulsion, and energy conversion. Sean has more than 20 years of experience with turbomachinery, both in a consulting environment and with a major gas compressor manufacturer. In these roles, he has focused on the development of technologies and tools for improving the efficiency, range, and performance predictability of centrifugal turbomachinery, including compressors, fans, and pumps. He is a frequent speaker at seminars and training classes in his areas of specialization, and is on the faculty of the University of Texas at San Antonio as an Adjoint Assistant Professor of Mechanical Engineering. He holds a Ph.D. in Aeronautics and Astronautics.