

Klaus Brun – Short Bio

Dr. Brun is currently the Machinery Program Director at Southwest Research Institute where he leads an organization of more than 60 that focuses on R&D for the energy industry. He is internationally recognized for his expertise in energy systems, power generation, and turbo-machinery. He holds a B.Sc. from the University of Florida and M.Sc. and Ph.D. from the University of Virginia in Mechanical Engineering. His past experience includes positions in engineering, project management, and management at Solar Turbines, General Electric, and Alstom. He holds eight patents, authored over 350 papers, and published three textbooks on energy systems and turbomachinery. Dr. Brun is a Fellow of the ASME and won an R&D 100 award in 2007 for his Semi-Active Valve invention. He also won the ASME Industrial Gas Turbine Award in 2016 and ASME Oil & Gas Committee Best Paper/Tutorial awards in 1998, 2000, 2005, 2009, 2010, 2012, 2014, 2016, and 2017. Dr. Brun organized and chaired numerous international conferences including the International sCO₂ Symposium 2016, Turbo Expo 2012, and the Oil & Gas Lecture Series 2016-2018. Dr. Brun is the past chair of the ASME-IGTI Board of Directors, the ASME Oil & Gas Applications Committee, and ASME sCO₂ Power Cycle Committee. He is also a member of the API 616 Task Force, the ASME PTC-10 task force, the Asia Turbomachinery Symposiums Committee, the Fan Conference Advisory Committee, and Supercritical CO₂ Symposium Advisory Committee. Dr. Brun is the past Editor of Gas Turbine News and currently the Executive Correspondent of Turbomachinery International Magazine and Associate Editor of the ASME Journal of Gas Turbines for Power.