

Dr. Cis De Maesschalck is currently a Turbine Aerothermal Engineer in the Future Programmes group at Rolls-Royce plc. His work covers the design of the Turbine Architectures for the next generation Aircraft engines.

He received a Master in Mechanical Engineering from the Katholieke Universiteit Leuven (Belgium) in 2011 and a Research Master specializing in Turbomachinery & Propulsion at the von Karman Institute for Fluid Dynamics in 2012. In 2016/17, he obtained a double doctoral degree from Purdue University (United States) and the Vrije Universiteit Brussel (Belgium) for his combined numerical and experimental work on the optimization of unshrouded turbine blade tip designs.

Cis De Maesschalck is a Fulbright Alumnus, and co-authored over 30 scientific publications and 3 patents while working across the globe at Universities and in the Industry, focusing on today's turbomachinery challenges. He has been involved with ASME since 2013 through a variety of positions beyond the AMRGT; including the ASME ECLIPSE Leadership Program, and as member of the ASME IGTI Heat Transfer and Turbomachinery Technical Committees.