

Prof. Dr.-Ing.

Günter Kappler



„Climate protection, energy transition and sustainability are defining features of today's society. In order to successfully meet the challenges associated with these, **new technologies and efficient systems** are required.

3DSE supports its customers to implement the necessary disruptive processes in order to **provide economic success in these rapidly changing times**. Consequently, my motivation for participating in the advisory board is to contribute cross-sectional topics **for ideas to become successful innovations**.“

Prof. Dr.-Ing. Günter Kappler held the Chair of Flight Propulsion Systems at the Technical University of Munich and was Director of the Institute of Aeronautics and Astronautics from 1982 until 1995. During this time, he devoted himself to basic research and was responsible for the construction of several test rigs. During his time at the chair, Prof. Kappler developed a novel engine configuration, which later formed the basis of the BR 700 engine family. This was developed with Kappler's significant involvement in a joint venture between BMW AG and RR plc, BMW RR GmbH, and was launched on the global market as the first certification of a commercial engine developed in Germany.

In addition to his contributions to the university, he was Managing Director of Research and Development at the newly founded BMW Rolls-Royce GmbH in Dahlewitz until 1999. Subsequently, Prof. Kappler was Head of Development at Fairchild-Dornier GmbH from 1999 until 2002, leading the Do 728 aircraft to its roll-out. As CEO and Managing Director of EPI GmbH, he developed Europe's largest turboprop engine (TP400-D6) from 2002 to 2005 with the help of a European team of engineers from RR, Snecma, MTU and ITP. Ultimately, this collaboration led to a successful first run. Between 2005 and 2008, Kappler was a member of the review teams for the A380 and A400 aircraft programs and became Technical Director of Thielert Aircraft Engines in 2008. With the acquisition of Thielert by Avic International, he oversaw the aviation safety of the engines as Accountable Manager for one year.

Even when his focus led to practice-based and industrial innovations, Kappler remained closely connected to academic life. He gave lectures and talks, supervised diploma students and carried out research collaborations. He has always taken a keen interest in young scientists and engineers and remains committed to training and supporting young people to this day. Since 2014, he has been Emeritus of Excellence at the Technical University of Munich and a member of the Scientific Advisory Board of the Munich Aerospace Faculty.

In addition to his professional achievements, he is the recipient and bearer of many honorary titles and awards. In 1996, for example, he was awarded an honorary professorship by the Beijing University of Aeronautics. In 1998, he was awarded the Federal Cross of Merit with Ribbon (Bundesverdienstkreuz am Bande) and was given the Ernst Messerschmitt Medal of

the DGLR in 1999. In 2004, he received the Gold Medal of the British Royal Aeronautical Society, making him one of only three German recipients of this award. Other high-ranking awards continued to follow, including the Otto Lilienthal Medal of the DGLR and the Order of Merit of the State of Brandenburg.

Since 2017, Prof. Dr. Günter Kappler has been a member of the 3DSE Advisory Board, in light of which he supports the consulting company with his long and profound R&D experience of both teaching and practice.