

Biography – Björn Nagel, Founding Director, German Aerospace Center (DLR), Institute for System Architectures in Aeronautics



Dr. Björn Nagel is the director of the Institute of System Architectures in Aeronautics at the German Aerospace Center (DLR). His research is focused on digital engineering methods including MBSE and MDO enabling large and heterogeneous teams to model and optimize aviation as a system-of-systems. Pathways to climate-compatible air transport, co-design for industrialization and military air systems are his major fields of research.

Dr. Björn Nagel received his Diploma Degree in Aeronautical Engineering from the Technical University of Braunschweig in 2003, and Dr.-Ing. Aerospace, Aeronautical and Astronautical Engineering from Otto von Guericke University Magdeburg in 2020.

In 2003, he joined the German Aerospace Center (DLR) as a Research Scientist at the Institute of Composite Structures and Adaptive Systems in Braunschweig. In 2007, he joined the then founded DLR Institute of Air Transportation Systems in Hamburg as head of the Integrated Aircraft Design Department. In 2017, he founded and became the director of the DLR Institute of System Architectures in Aeronautics.