



Dr. Thomas Bielefeld

Principal - Aerospace & Defence Client Team



In 1993 Thomas started his professional career as research engineer at the LEIBNIZ Institute for Material-Oriented Technologies (IWT). He managed national and international research projects and headed an engineering team focused on process innovation and process chain reductions. After an outstanding PhD on short-time metallurgical effects in metals, Thomas was awarded the international CIRP Taylor Medal in 2000.

Since 1999 Thomas has taken leading positions in different industries. For ASTRIUM Space he served as Head of Production Center Tanks & Components with responsibility for satellite propulsion equipments like tanks, valves, thrusters, tubing and insulation. Joining AIRBUS in 2006 he was put in charge of the competence center for production systems, an annual 65 M€ business on developing and producing advanced jigs & tools for carbon fiber placement and aircraft assembly lines. With the foundation of Premium AEROTEC in 2009, Thomas served on several strategic improvement projects. As Head of Supply Management Detail Parts and Aerostructures, he implemented new order and operational supplier management processes.

In 2015, PAG decided to industrialize Additive Manufacturing for aerospace serial production and Thomas, as Head of AM, leads the activities on technology development, process maturity and reproducibility, qualification and serial production. As Senior Expert AM, he is currently in charge of all R&D, technological optimisation and continuous improvements along the process chain.

His scientific and technological background is mainly in the field of short-time metallurgical effects in material removal and thermal processes, electron-beam welding and heat treatment of titanium alloys, laser welding and heat treatment of aluminum alloys and PBF-LBM of titanium/aluminum.

He lives in North Germany, is married, and has 5 children.