





PERSONAL INFORMATION

Michael Scheerer



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POSITION Head of Polymer Composites Group at AAC

EDUCATION AND WORK EXPERIENCE

Michael is head of the polymer composite group and stakeholder of Aerospace & Advanced Composites GmbH. He holds this position since the founding of AAC in 2010. Before entering AAC, Michael work for 10 years at Austria's largest research organization, the Austrian Institute of Technology as senior scientist. Michel received his PhD in materials sciences from the RWTH in Aachen in 2000 and his Master degree in Technical Physics in 1995 from the Technical University of Vienna.

In the last more than 10 years Michael worked on the development of test facilities for space testing such as: a cryogenic mechanical test facility, filling station for the production of FEEP thrusters, Structural Health Monitoring of metal and composite aeronautical and space parts and FEM Analyses of Composite and Metal Structures.

He coordinated large national projects in field of structural health monitoring, ESA projects for the development of nano-modified composites to be used in cryogenic fuel tanks and was responsible to lead tasks and work-packages in large EU aeronautic projects such as SMIST and CESAR in the field of Structural Health Monitoring.

Michael has published more than 50 scientific journal and conference papers in the field of first wall components for future thermonuclear fusion devices, non-destructive testing, Structural Health and Process Monitoring and FEM based microstructural assessment of composite materials.