

Materials Engineer/Scientist- job post

Aerospace & Advanced Composites is a leading provider of scientific research services to solve the most pressing and complicated challenges facing stakeholders today. Our vision is to engage the brightest scientists and engineers to empower clients with solutions for a safe, healthy, sustainable and technologically complex world. We leverage over 10 years of experience in analyzing failures to advise clients as they innovate their technologically complex products and processes, ensure the safety and health of their users, and address the challenges of sustainability.

We offer opportunities for you to expand your engineering or scientific knowledge together with experts in the fields of space, aviation, energy and industry. At Aerospace & Advanced Composites, you will apply your experience, technical skills, and prior academic research to a fulfilling career.

We are currently seeking a Materials Engineer/Scientist for our Materials & Microstructural Engineering Group in Wiener Neustadt, lower Austria. In this role, you will work as part of a team conducting engineering and scientific analyses to assist Aerospace & Advanced Composites's clients across multiple industries, particularly including space, aviation, energy and industry. Projects can range from analysis of prototype-phase materials to supply chain issues to field returns, and from device-level behavior to fundamental materials properties. With the support of all of Aerospace & Advanced Composites's diverse expertise in space, aviation, polymers, materials chemistry, and mechanical engineering, to name a few, we touch on nearly every aspect of our clients' products.

You will be responsible for:

- Materials characterization and failure analysis
- Engineering and scientific analysis
- Perform laboratory tests using methods and procedures available at AAC, including SEM/EDS, FIB, etc.
- Analyse and interpret results obtained by SEM/FIB/EDS, TGA/DSC, GC/MS, FTIR, XPS, etc.
- Participate in internal and external meetings to discuss the findings
- Communicating findings to clients in verbal, written, and/or presentation-style reports

You will have the following skills and qualifications:

- Master or PhD in Materials Science and Engineering or related field and familiarity with microstructural engineering and electron microscopy
- Demonstrated ability to adapt knowledge to new contexts and work outside of core areas of expertise
- Ability to work within project teams with a strong desire to contribute proactively to solve difficult problems
- Specialized knowledge in one of the following areas: Alloys, steels, novel materials, fractures, failure analysis, electronic packaging
- Knowledge of materials characterization techniques (e.g., SEM, FIB, TEM, XPS, SIMS, FTIR, acoustic microscopy, X-ray): Broad knowledge of many techniques and deep knowledge in a few is valued
- Excellent verbal and written communication skills in German and English language



What to expect:

The minimum gross annual salary according to the collective agreement is EUR 42.000,--. The actual salary will be determined individually, based on your qualifications and experience. In addition, we offer company benefits, flexible working conditions, individual training and career opportunities.

Please submit your application documents including CV, cover letter and certificates to office@aac-research.at

To learn more about life at Aerospace & Advanced Composites and our impact, please visit the following links:

www.aac-research.at