

United Monolithic Semiconductors GmbH – a company of Airbus Defence and Space GmbH and THALES - located in the Research Centre of Daimler in Ulm – develops, produces and sells high frequency ICs on GaAs and GaN.



To strengthen our technical research & development team in **Ulm (Germany)** we are looking for a

Senior Development engineer (m/f)

Your mission:

- You manage the development of new FET-devices based on GaN in close collaboration with our sister company in France.
- You define and optimise process modules for the fabrication of GaN-based integrated circuits.
- You design, measure and perform physical simulation of transistors and test structures.
- You define and perform failure analysis and reliability tests in the frame of the new device development.
- You perform documentation and presentation of results and technical status.
- You manage R&D projects, including coordination of collaboration with our external research partners and institutions.
- You manage trainee and PhD students.

Your profile:

- Scientific / technical education with experience in semi-conductor industry. Preferably PhD degree.
 - Several years of Experience in compound semiconductor technology development, and knowledge of the physics of semi-conductor devices for high-frequency applications.
 - Perfect knowledge of english for written communication and oral presentations.
 - Communication, team-work, as well as problem solving analysis skills are mandatory.
 - Readiness to assume responsibility in an highly technical and competitive environment.
 - German language knowledge preferred, and/ or strong willingness to learn.
 - Capability to integrate in a foreign environment.
- Please send your complete application via e-mail to the following address
personal@ums-ulm.de

United Monolithic Semiconductors GmbH

Your contact person: Saskia Knoll • Tel: +49 731-505 3008
Wilhelm-Runge-Str. 11 • 89081 Ulm
www.ums-gaas.com