



Bring Technology to LIFE!

We are searching for an **Application Engineer "Simulation" (f/m)**

Main responsibilities:

- System- Simulation, Circuit-Simulation, thermal Simulation and FEM Simulation of Applications and Semiconductors
- Generation and verification of thermal models
- Generation and verification of IGBT models
- Development of new simulation concepts and methods based on customer requirements and future requirements of new products
- Development of electrical, mechanical and thermal simulation tools for Power Module selection and lifetime estimation
- Applications covered with those tools are e.g.: Traction; Drives; UPS, Welding; Renewable Energy
- Design in support for product and application related calculations and simulations and advises

Further responsibilities:

- Preparation of Application based presentations
- Development of evaluation and reference boards including documentation
- Training / education of IFX FAEs/ FSEs and distributors on application related topics
- Preparation of application specific technical literature, papers for technical magazines, printed papers
- Application based benchmark analysis of new technologies e.g. IGBTs, WBG-Devices
- Administration of application related literature and international standards
- Application based support for the definition of new products
- Application based design—in support for new products/projects at customers, e.g. Design review
- Troubleshooting to support customers

If you are interested in our offer please send your application with reference to Jobcode

31195-10-IMM-WST-031 to

mirjam.bettinger@infineon.com or

visit our CareerWebsite at www.infineon.com/careers

[www.infineon.com/career]

Start Date:

asap

Legal Entity:

Infineon Technologies AG

Location:

Warstein

Functional Area:

Application Engineering

Required Qualifications:

- University: Master degree in Electrical Engineering or Information Technology required
- Main focus on Power Electronics, Information Engineering or Programming desired
- MS Office skills required
- Programming skills required

Languages:

- German (Expert) required
- English (Good) required
- Work experience up to 3 years