

Senior Systems Engineer (f/m/x)

Central Research & Technology



Jena



JR_1033291

Seeing beyond

At ZEISS Corporate Research and Technology, we develop technologies for the applications of tomorrow. Let your ideas shape the next generations of ZEISS products.

We are a scientifically working group in the field of smart imaging modalities and sensor systems. We strive to develop novel sensor systems to replace costly and/or invasive solutions in biomedical and industrial applications. We aim to identify and transfer new technologies to sensing and imaging applications to enable radically new solutions to shape our markets. As the central research and development department within ZEISS, we work on early technological evaluation and realize application-oriented prototypes to generate added value for ZEISS. In order to understand and fulfill the market's demands on ZEISS, close coordination with our business units and customers as well as systems thinking are essential.

Your Role

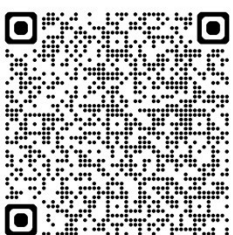
We are looking for a Systems Engineer with a big picture view, who knows the individual subsystems in a ZEISS product and can organize their connections and margins. In particular, a Systems Engineer at ZEISS has to master the digitization of our products, as opto-mechatronics, electronics, firmware and software are increasingly converging. The resulting increase in complexity requires concepts such as the modularisation of systems on the one hand and their embedding in workflows as in a system of systems on the other. In future, a lead systems engineer must thus also be familiar with software engineering methods. A systems engineer at ZEISS not least has precise communication skills and knows how to lead an interdisciplinary team through complex system development, even utilising project management techniques.

Ihr Profil

- A University degree in physics, computational science, electrical engineering or another field of engineering science, ideally with a PhD in this area
- In-depth expertise in technical optics, opto-mechatronic systems and systems architecture
- Detailed know-how in advanced imaging modalities like superresolution microscopy, coherent methods or other relevant techniques is beneficial
- A pronounced interest in translating complex theoretical problems into functional prototypes consisting of hard- and software
- An independent and systematic way of working as well as very good organisational skills
- Intellectual curiosity and a pro-active way of identifying new opportunities in your knowledge fields and persuasive power to convince others to follow-up on your ideas

Join us today.

Inspire people
tomorrow.



Apply now! It takes
less than 10
minutes.

Your Recruiter

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Christian Hohaus

