

The Institute for Auditory Neuroscience of the University Medical Center Göttingen (Germany) invites applications for a

Biomedical Engineer

- starting as soon as possible, full time, initially limited until 31.12.2023,
salary according to TV-L-

Your tasks:

In the context of the development of a novel (optical) cochlear implant, your responsibility will be

- Design, implementation and evaluation of an optical cochlear implant prototype
- System integration of an optical module into a hermetically sealed, implantable package with integrated electronics

Your profile:

- Excellent and highly motivated applicant with a strong background in biomedical engineering
- Proficiency in 3D CAD design software and FEM modelling
- Skills in digital/analog electronics, PCB design and mixed signal IC design
- Experience in mechanical testing of biomedical implants and setting up of dedicated test benches
- The ability to work in an interdisciplinary and international team of researchers is required as well as the trustful interaction with external partners

We offer:

- A challenging workplace in a multi-disciplinary team
- A highly innovative project with room for creative freedom
- The chance to contribute to work toward the optical cochlear implant, a revolutionary new healthcare product

The Göttingen Campus is a leading Neuroscience Center hosting numerous prestigious and internationally renowned research institutions. This includes the University and its Medical Center, two life science Max Planck Institutes, the European Neuroscience Institute, and the German Primate Center. The Institute for Auditory Neuroscience & InnerEarLab is tightly integrated in the Campus with research groups hosted also at non-university institutions and runs numerous stimulating collaborations on Campus such as within the collaborative sensory research center SFB889 (www.sfb889.uni-goettingen.de/) and the Multiscale Bioimaging Cluster of Excellence (www.mbexc.de).

Please submit your application preferably in one single PDF-document, including cover letter, CV, list of publications, names of possible referees, and relevant

certificates to: janoff@gwdg.de until April 1st 2022

Dr. Tobias Moser, Professor of Auditory Neuroscience

Institute for Auditory Neuroscience, University Medical Center Göttingen
Auditory Neuroscience and Optogenetics Laboratory, German Primate Center