

The Institute for Auditory Neuroscience (UMG)  
and Auditory Neuroscience & Synaptic  
Nanophysiology Group (MPI) invite applications  
for an

# Embedded Software Engineer (f/m/d)

fixed term with an option for extension, full time | salary  
according to TV-L

## About us

The University Medical Center Göttingen is a tertiary care center and offers great development potential. Its 7,900 employees work in over 65 departments and facilities to provide top-quality patient care, excellent research and modern teaching. Göttingen, "City of Science", located near the center of Germany, the University Medical Center Göttingen is embedded in the city's attractive network of scientific research facilities.

## Your task:

- Embedded software engineering for real-time audio processing in the context of the development of a novel (optical) cochlear implant

## Your profile:

- excellent and highly motivated applicant with a strong background in Embedded Software Engineering
- Proficiency in a higher-level programming language (C preferred)

- Experience in digital signal processing, ideally in audio software
- Command of assembler language and strong knowledge of analog and digital technology are desired, as is experience in MATLAB and/or Python programming
- Ability to work in an interdisciplinary and international team of researchers is required.

We offer:

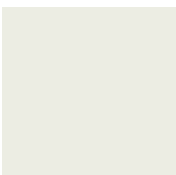
- a structured, accompanied introduction
- a challenging workplace in a multi-disciplinary team
- a highly innovative project with room for creative freedom


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](http://www.sfb889.uni-goettingen.de)) and the Multiscale Bioimaging Cluster of Excellence ([www.mbexc.de](http://www.mbexc.de)).

The University Medical Center Göttingen is committed to professional equality. We therefore seek to increase the proportion of under-represented genders. Applicants with disabilities and equal qualifications will be given preferential treatment.

We look forward to receiving your application by May 20th, 2022:

University Medical Center Göttingen  
Institut für Auditorische Neurowissenschaften  
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Web: <https://www.auditory-neuroscience.uni-goettingen.de/>

Please send your application only via e-mail as a PDF-file.



Travel and application fees cannot be refunded or transferred.

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