The Institute for Auditory Neuroscience of the University Medical Center Göttingen (Germany) and Auditory Neuroscience & Synaptic Nanophysiology Group, Max Planck Institute for Multidisciplinary Sciences, invite applications for an

Embedded Software Engineer

-starting as soon as possible, full time, salary according to TV-L-

Your tasks:

In the context of the development of a novel (optical) cochlear implant, your responsibility will be embedded software engineering for real-time audio processing.

Your profile:

We are looking for excellent and highly motivated applicants with a strong background in Embedded Software Engineering. You will be part of the engineering team working toward the optical cochlear implant prototype. Proficiency in a higher-level programming language (C preferred) and experience in digital signal processing, ideally in audio software, are required for the position. Command of assembler language and strong knowledge of analog and digital technology are desired, as is experience in MATLAB and/or Python programming. The ability to work in an interdisciplinary and international team of researchers is required.

We offer:

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: ianoff@gwdg.de **until March 20th 2022**.

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.

Travel and application fees cannot be refunded or transferred.

Dr. Tobias Moser, Professor of Auditory Neuroscience
Institute for Auditory Neuroscience, University Medical Center Göttingen
Auditory Neuroscience & Synaptic Nanophysiology, MPI for Multidisciplinary Sciences, Göttingen
Auditory Neuroscience and Optogenetics Laboratory, German Primate Center