



AURIENT

Multisensory support for hearing loss

THE PROBLEM

Understanding speech in noise or in multi-talker scenarios is a problem that hearing aids, when based on audio processing alone, have not been able to solve. We aim to solve it, with multisensory support.

OUR SOLUTION

We use visual support to provide the information lost in current hearing aid processing.

PATENT STATUS

Patents are in progress.

FINANCIAL OVERVIEW

We are applying for InnoExplorer funding from InnoFonden for the first stage of development and aim to progress to larger soft-funding beyond that nationally and internationally under several existing calls, as well as explore investment opportunities beyond.

MILESTONES

- Several stages of implementation and refinement, including pilot testing on a small scale achieved. Technical bench testing and requirements specification done.
- Further development, testing with the hearing impaired and with diverse entry level hardware are the next steps.

TARGET MARKET & CUSTOMERS

Beachhead market: people with hearing loss
TAM: Anyone who wants to protect the ears from noise while preserving situational awareness.

PHYSICAL ADDRESS

Hearing Systems, DTU HealthTech, Øresteds
Plads 352, 2800 Kongens Lyngby.

THE PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Engineers with a strong interest in developing XR technologies and smart glasses as disability aids
- Someone with experience in assistive devices or health based mobile devices and apps, who would like to spearhead market research, and enjoys working closely with researchers.

Personal fit

- Direct, honest, and friendly in communication, comfortable sparring, open minded & creative.
- Likes collaboration more than hierarchy – but can take a decision when it's their role.
- Willingness to take on tasks flexibly in a small team where roles are not yet well defined.

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

In the case of the engineer – develop and optimize existing software: collaborate closely with the inventor/neuroscientist and junior engineers to optimize pipeline according to perceptual requirements. In the case of the experienced business expert - advising on and potentially negotiating with potential investors, board members, and supporting academics in developing skills toward successful spin out in the HealthTech or accessibility sector. A potential CEO.

The Team

Built and scaled in this space before

We've **built and scaled in this space before** — including prior venture-backed and grant-funded work (SilverCloud, NDRG, three SBIR awards) — and we have the team in place to execute on AURIENT's next milestone: a working prototype on entry-level hardware, and secured IP, the foundation for everything that follows.



Mark Matthews

Received over 10 million euro in research grant funding including, and have raised over 30 million euro in venture funding to date. Computer Scientist and HealthTech expert, with a focus on privacy-first design for mobile health applications.



Fiona Brid Mulvey

Inventor & PI
Neuroscientist with expertise in perception, attention, eye tracking methods and standardisation, and multisensory disability aids. 20+ years experience using eye-tracking in novel enabling devices for vision loss and physical disability.



Daniel Zielasko

Engineer with expertise in virtual locomotion, spatial orientation, and ergonomic factors like cybersickness in XR, with a particular focus on biological and geological simulation and ergonomics.



Maaike Charlotte Van Eeckhoutte

Expert in hearing loss, hearing aid fitting, and strategies for individualised hearing support working between DTU and the Danish Health System.



Torsten Dau

Founder of the Hearing Systems section in DTU HealthTech, leading research with the Danish hearing aid industry for more than 20 years. Expert in human hearing and models of hearing loss — a leader in the field.



Mikkel Berrig Rasmussen

Masters Student in Engineering, soon to be graduate. Built the audio pipeline for the invention and tested end-to-end delay on premium hardware.

ABOUT OPEN ENTREPRENEURSHIP

Open Entrepreneurship (OE) is a collaboration between all Danish universities aiming to create more research-based startups.

REGISTER YOUR INTEREST

Deadline is November 8th, 2026

www.open-entrepreneurship.com/cofounder/