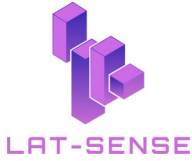


LAT-Sense



LAT-Sense is a development initiative currently based at TU Berlin (Technische Universität Berlin). We conduct research on biochemical sensors and develop non-invasive lactate sensors for use on the human body. Our aim is to bring this technology into application through our own start-up, which we intend to found.

Our team currently consists of a small, interdisciplinary core with expertise in materials chemistry and biosensing. To grow our founding team, we are looking for reinforcement across two profiles: one from the field of sports science or sports medicine, and one from the field of sensor technology and microelectronics. Both profiles are self-contained and are filled independently of one another. You are welcome to apply specifically for one of the two; equally, we welcome applications from individuals or tandems who cover both areas. Depending on the applications we receive, we will fill one or more positions.

Co-Founder

Stadt: Berlin; Beginn frühestens: Frühestmöglich; Vergütung: nach TVL Ö13

Aufgabenbeschreibung

We are currently looking for a Co-Founder to fill either of these roles:

A: Sports scientist / sports physician (m/f/d)

In this role you bring the application- and user-side perspective into the development. Your responsibilities include:

- defining use cases and measurement scenarios in sporting and medical contexts
- designing and supporting validation and study protocols for lactate measurement
- translating physiological requirements into concrete requirements for the sensor system
- contributing to the development of application areas in sport and in the clinical setting

Technical requirements:

- a completed degree in sports science, sports medicine, or a related field
- a sound understanding of lactate diagnostics and exercise physiology
- ideally experience with study and validation protocols, as well as a network in the sporting or clinical environment

B: Engineer for sensor technology and microelectronics (m/f/d)

In this role you take responsibility for the technical realisation of the sensor system. Your responsibilities include:

- developing and miniaturising the sensor electronics and signal acquisition
- integrating the sensor and read-out electronics into a wearable system
- signal processing as well as building and testing prototypes
- collaborating with research and industry partners on the technical development

Technical requirements:

- a completed degree in electrical engineering, microelectronics, sensor technology, or a related field
- experience in analog and digital signal acquisition, embedded systems, or biosensor electronics
- ideally knowledge of embedded or on-device signal processing

Erwartete Qualifikationen

Qualification:

- a master's degree or equivalent training in a relevant field

Personal:

- entrepreneurial experience and entrepreneurial interest
- agility and proactivity
- pragmatism and a solution-oriented mindset
- good communication skills
- a readiness to take on responsibility at an early development stage, and an enthusiasm for interdisciplinary collaboration

Unser Angebot

- a formative role in an early-stage venture with substantial development potential
- the prospect of a stake in the company to be founded
- a research-oriented environment at TU Berlin, with access to scientific infrastructure and an interdisciplinary network
- position in the academic environment of TU Berlin or another Berlin University

Bewerbung

Diversity

We welcome applications from all qualified individuals, regardless of gender, origin, religion or belief, disability, age, or sexual identity. We value a respectful working environment with equal opportunities for all.

Application

Please send your application with the usual documents, namely a cover letter, CV, and relevant certificates, as a single PDF document to Konstantin.utz@tu-berlin.de

Please indicate in your cover letter which of the two profiles, or which profiles, you are applying for.

Data protection

Your application documents will be processed solely for the purpose of the application procedure and in accordance with the GDPR (General Data Protection Regulation).

Weitere Informationen unter <https://stellenticket.de/204584/TUB/>

Angebot sichtbar bis 30.07.2026

