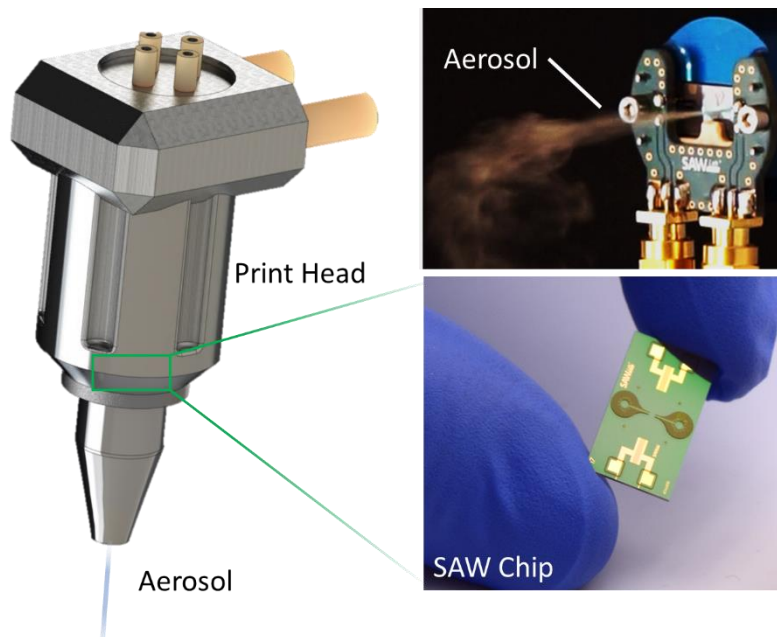


Student Assistant (m/w/d)

There are open positions available to be filled **as soon as possible** for a student assistant at **SAWLab Saxony**¹ as part of the Leibniz Institute for Solid State and Materials Research - IFW.

At *SAWLab Saxony*, we developed a novel acoustic aerosol source that can be used for micro-droplet generation in various application areas. The aerosol generation is based on the interaction of high-frequency SAW with fluids. This study is dedicated to investigate aerosol focusing and deposition stability for aerosol-based printing.



Requirements: you study microsystems technology, electrical engineering, mechanical engineering, or similar fields and are interested in being part of a cutting-edge research team and working with promising lab-on-a-chip technology. Previous experience in microfluidics, robotics and printing, microfabrication techniques, or 2D/3D CAD are advantageous but not required.

What we offer: Collaborative environment of passionate professionals dedicated to cutting-edge microacoustics research. Hands-on experience to gain real-world experience in an interdisciplinary field between additive manufacturing, microtechnology and microfluidics. Career development to expand your skills and knowledge.

How to apply: The position is open as long as the announcement is online. Please address your questions and your application to **Dr.-Ing. Andreas Winkler**. If you are interested in the position, send your application (in English or German), including a cover letter with a CV and copies of certificates and other relevant material (if applicable), as a single pdf file to the following email address with the title **SAW SHK application**: A.Winkler@ifw-dresden.de

The institute promotes professional equality between all genders. In science, IFW Dresden would like to increase the proportion of women. Qualified women are therefore explicitly invited to apply. Equally qualified handicapped applicants will be given preferences.

¹ Center for Acoustoelectronic Fundamentals, Technologies and Components, www.SAWLab-Saxony.de