

## JOB POSTING

# SHK - OLED devices preparation - urgently wanted

### Join the Revolution in OLED Technology with beeOLED

Are you passionate about advancing **OLED** technology? Do you dream of shaping the future of **smartphones**, **tablets**, and **TV** displays? If so, **beeOLED is your launchpad**. Founded in 2020 by industry veterans, our rapidly growing **deep-tech startup** is backed by high-profile venture capital and is on the hunt for bright minds in various fields.

### The Challenge We're Tackling

In the dynamic world of OLED, there remains one significant hurdle - creating an **efficient, long-lasting, deep-blue emitter**. Current inefficiencies result in OLED TVs receiving sub-par energy star ratings, smartphones losing charge quickly, and displays suffering from "burn-in".

### Our Innovative Solution

With over **20 years of OLED experience**, the beeOLED team has reignited the potential of a nearly forgotten element: **divalent Europium** ( $\text{Eu}^{2+}$ ). Once the blue dopant of choice in early 2000s Plasma TVs due to its near-perfect emission characteristics,  $\text{Eu}^{2+}$  is set to revolutionize the OLED industry. Through cutting-edge **cryptand-chemistry and rational in-silico design**, we've already made history by preparing  $\text{Eu}^{2+}$  for use in OLEDs - a feat protected by multiple foundational patents.

### Why beeOLED?

At beeOLED, we're not just creating superior OLED technology; we're **building a family** of innovators, creators, and game-changers. As we continue to refine our product, safeguard our solutions, and collaborate with our customers, **we need talented individuals** who are ready to embark on this exciting journey.

### We're seeking passionate physics students to help in our Laboratory:

- Physics-laboratory-SHK (studentische Hilfskraft) in Niedersedlitz
  - Welcome are physics/engineering Master / PhD Students, ideally laboratory experience
  - What? making and testing OLED-devices
  - Flexible workhours
  - Master or PhD thesis possible

**Join beeOLED and be part of the next big leap in OLED technology: Let's illuminate the future, together!**



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