

# Recruitment for Research and Doctoral Positions

AI Processor Design Lab, Technical University of Munich (TUM)

The AI Processor Design Lab at the Technical University of Munich (TUM), led by Professor Hussam Amrouch, is recruiting new members for research and doctoral positions.

TUM is one of the major hubs for IC and semiconductor development in Germany and has access to advanced chip design and tape-out resources. Our lab is developing **chiplet-based AI processors using advanced 7 nm technology** and building **3D-integrated chips for next-generation AI systems**.

TUM is one of the major hubs for IC and semiconductor development in Germany and has access to 7 nm chip design and tape-out resources. Relevant reports are listed below:

1. **TUM's 7 nm AI chip:**  
[First university-designed 7-nanometer AI chip](#)
2. **Chiplet technologies and 3D integration:**  
[TUM and imec deepen collaboration in chiplet technologies](#)
3. **Report on the development of the IC industry in Germany:**  
[Partners with TSMC to Establish an AI Chip R&D Center in Munich](#)

In addition, our lab has produced substantial research results and has published work in top-tier venues such as *Nature*. Our current research mainly focuses on the architecture and design of AI accelerator chips.

We are currently recruiting PhD students and also offer six-month visiting research opportunities.

Outstanding students who are interested in IC design and pursuing advanced study in Germany are welcome to send their CV to: [amrouch@tum.de](mailto:amrouch@tum.de), [ml.wei@tum.de](mailto:ml.wei@tum.de).