



## Call for Applications

IHP has the pleasure to invite applications for the

### International IHP Wolfgang Mehr “Terahertz and mm-Wave Devices for Silicon-Based Integrated Circuits”

The **International IHP „Wolfgang Mehr“ Fellowship Award** is devoted to carry out in close collaboration with IHP research in the area of radio-frequency devices and technology. Following the spirit of IHP’s former Scientific Director Wolfgang Mehr, the annual fellowship award is focused on an innovative, interdisciplinary research topic with high potential for technology breakthroughs, giving a high degree of freedom to the award winner to work in an interdisciplinary environment with a strong potential across several research areas.

The winner of the **International IHP „Wolfgang Mehr“ Fellowship Award 2025** must enjoy an excellent international reputation and will receive the prize money of 12,500 €, honoring the award winner’s research achievements. The aim of the fellowship award is to realize at least one of the following strategic research targets in close collaboration with IHP:

- identify the potential of a novel research direction
- initiate a new and innovative research project
- intensify a successful research collaboration

The focus of the joint research activities should be on complementing IHP’s expertise in development, characterization, and modeling of radio frequency devices. Research topics of particular interest are advanced SiGe heterojunction bipolar transistors (HBT) and their integration into BiCMOS technologies, novel THz devices for silicon technologies, and application specific device modifications.



/IHPFFO



/waferffo



/company/ihp



IHP seeks to incorporate more women into the science field – therefore, women are strongly encouraged to apply.

We assume the selected fellow is able to stay at IHP for three months on a flexible time schedule in a timeframe of 12 months starting from the day of nomination. Accommodation and travel costs are to be covered from the prize money.

To be considered, applications should be submitted via our [online application form](#). The following documents are required:

- Letter of motivation
- Project description: two pages including a time plan for a three-month fellowship stay at IHP
- Curriculum vitae
- Publication list
- Summary of the main scientific achievements in the field

For further information regarding the fellowship please contact Dr. Andreas Mai, head of Technology Department ([mai@ihp-microelectronics.com](mailto:mai@ihp-microelectronics.com)).

