



Munich Center for
Space Communications

der Bundeswehr
Universität  **München**

Create the Future of Satellite and Space Communications Technology!

**PhD opportunities in the field of Satellite Communications
at Universität der Bundeswehr München**

The Universität der Bundeswehr München is a leading research institution in the field of air and space research. With the Munich Center for Space Communications, the University hosts Germany's largest and most versatile experimental satellite ground station and Over-The-Air test facility for next-generation SATCOM technologies. As such, the university offers unparalleled working conditions for outstanding research in the exciting and rapidly growing market of space data highways and the internet of space.



We are currently looking for **5 highly motivated PhD students / doctoral candidates** who are keen to be part of our research team. We are offering positions for PhD students (m/f) in the following fields:

- *Small-Satellites, satellite MEGA constellations and satellite-based 5G communications networks*
- *Secure satellite communications and jamming / eavesdropping hardened system design*
- *Artificial intelligence and machine learning in satellite network optimization and transmission design*
- *MIMO and Multi-Antenna communications for Very High Throughput satellites (VHTS)*
- *Massive machine type communications in the internet of space*

For all PhD candidates we offer cutting-edge research opportunities, a highly motivated multi-cultural team with great team spirit and cohesion, a full-time position with competitive pay in the German research community, and a welcoming work environment with many other benefits.

If you are a space enthusiast with great work attitude and top-level performance within your peer group, we strongly invite you to submit your application to jobs.sp@unibw.de today. Your application should include your CV, a transcripts of results provided by your University, and your personal letter of intent. A letter of recommendation is highly appreciated. According to federal regulations, severely disabled applicants with equal qualification and aptitude are given preferential consideration.

Further information can be found under <http://www.unibw.de/satcom>

Contact: Univ.-Prof. Dr.-Ing. Andreas Knopp MBA
Director Munich Center for Space Communications
Universität der Bundeswehr München
Werner-Heisenberg-Weg 39, 85577 Neubiberg (Germany)
Tel: **+49 (0) 89 6004 7500**
Mail: andreas.knopp@unibw.de
Web: <http://www.unibw.de/satcom>