

We are accepting applications!

CoSiNC research lab at Istanbul Medipol University has **five** research positions available in several newly accepted research projects. Our state-of-the-art 5G, 6G and beyond labs, strong researchers and impeccable track record promotes and maintains a strong partnership with local/global industry and government research labs. We aim to impact the development of future cellular technologies and nurture growing talents in the field of wireless communication and sensing.

We are looking for PhD students and post-docs with the following criteria:

- A Bachelors degree in Electronic and Electrical Engineering, Telecommunications Engineering, or related disciplines.
- Background and interests in Wireless Communication.

<p>Job Description:</p> <ul style="list-style-type: none"> • <u>Coordinator:</u> <ul style="list-style-type: none"> ○ Preparing any project related materials. ○ Coordinating and helping CoSiNC operation. ○ Continue to his/her own research studies. • <u>Researcher:</u> <ul style="list-style-type: none"> ○ Conducting his/her research in a project. ○ Documenting research outputs for a project. ○ Helping CoSiNC operation when necessary. 	<p>Ongoing Projects:</p> <p>(1) Merging the World of Wireless Communications and Radio Environment Sensing as a Future of Radio Access</p> <p>(2) Machine Learning Applications in 5G and Beyond Cellular Communications Systems</p> <p>(3) Future Radio Access Technologies for Smart Homes and Environments (with VESTEL)</p> <p>(4) Ensuring Ubiquitous Connectivity for URLLC in 5G NR (with TURKCELL)</p>
<p>Experience in any of the following areas, while not necessary, is preferred:</p> <ul style="list-style-type: none"> • Waveform and multiple accessing techniques • Joint sensing/radar and communication • Wireless communication technologies for IoT • Mm-Wave communication • mMIMO and beamforming • Interference cancellation and CoMP • Radio Environment Map/Mapping • PHY and REM Security • AI applications in wireless communication systems 	

Benefits:

- Through our university and research activities, we provide an environment for you to develop your skills, making you a sought-after researcher in wireless communication technologies, and opportunities to showcase your skills to leading firms
- Comparable wages and opportunities for bonuses
- Living arrangements (for bachelors)
- Health insurance

Application:

Please forward your **CV** with Bachelor and Masters (if present) GPA, results of an English proficiency exam, publications (if any), **transcript** for Bachelor and Masters (if present), and **motivation letter** indicating your experience and future goals within our research group to the given contact information.

For More Information:

Emails: 6g@medipol.edu.tr, cosinc.6g@gmail.com

WhatsApp No: +90 533 130 9778