



π-NET Emerging Networks & Applications is an innovative Competence Center in the Region of Western Greece promoting innovation and entrepreneurship by providing 5G technological services and competences to companies and professionals. Our focus is on strengthening vertical value chains and their sustainability.

With the active involvement of its Shareholders, **π-NET** aspires to become a top international research and innovation center for **5G networks and beyond**. **We are now hiring!**

Position: 5G/6G NETWORKS RESEARCHER FOR EUROPEAN PROJECTS (*Job Reference ID Number: P0009*)

We are seeking a talented and innovative 5G/6G Networks Researcher to join our team for European projects. As a Networks Researcher, you will contribute to the advancement of 5G and 6G technologies by conducting cutting-edge research, developing novel solutions, and participating in collaborative European initiatives. This is an exciting opportunity to shape the future of telecommunications and make a significant impact on the development and implementation of next-generation networks.

Main Responsibilities:

- Conduct in-depth research on 5G and 6G network technologies, protocols, architectures, and applications, with a focus on European projects.
- Collaborate with cross-functional teams to design and develop innovative solutions for 5G and 6G networks, addressing scalability, reliability, security, and performance challenges.
- Participate in European research initiatives, working closely with industry partners, universities, and research organizations to contribute to collaborative projects.
- Stay up-to-date with the latest advancements and trends in 5G and 6G networks, identifying opportunities for innovation and proposing novel research ideas.
- Prototype, simulate, and validate new concepts and algorithms, leveraging state-of-the-art tools and methodologies.
- Publish research findings in top-tier conferences and journals, showcasing thought leadership and contributing to the scientific community.
- Provide technical expertise and guidance to internal teams, sharing knowledge and insights on 5G and 6G networks.
- Contribute to project planning, defining research goals, milestones, and deliverables.
- Collaborate with external stakeholders, such as regulatory bodies, standardization organizations, and industry forums, to influence the development and adoption of 5G and 6G networks.

Desired Qualifications:

- Ph.D. in Electrical Engineering, Computer Science, or a related field with a focus on telecommunications and networks.
- Solid understanding of network protocols, including TCP/IP, IPsec, and routing protocols (e.g., OSPF, BGP).
- Proficiency in network simulation and modeling tools, such as NS-3, OPNET, or MATLAB.
- Experience with programming languages commonly used in network research, such as Python, C++, or MATLAB.
- Familiarity with emerging technologies and concepts related to 5G and 6G networks is highly desirable, such as network slicing, edge computing, massive MIMO, and beamforming.
- Knowledge of European research initiatives and projects related to 5G and 6G networks is highly desirable.
- Research background in 5G and/or 6G networks, demonstrated through publications and contributions to research projects is a plus.
- Strong analytical and problem-solving skills, with the ability to think creatively and propose innovative solutions.
- Excellent communication and collaboration skills, with the ability to work effectively in a team environment and present complex concepts to both technical and non-technical stakeholders.
- Track record of successfully working on collaborative research projects and delivering high-quality results.

We offer competitive compensation packages, a stimulating work environment, and opportunities for professional growth and development. Join our team and be part of a dynamic organization at the forefront of 5G and 6G network research.

All interested applicants are requested to send their CV to info@p-net.gr