

Research Engineer, Wireless Networking (Small Cells)

Bell Labs' research facility in Dublin, Ireland is a leading end-to-end systems and solutions lab working in the areas of autonomic networking, cloud and distributed computing, wireless networks, services-centric operations research, data analytics, and thermal management. We have an opening for a research engineer/computer scientist in our Autonomous Networks and Systems Research Department.

A successful candidate will have strong experience in wireless communication networks. The position involves creating and proving new technologies in autonomous networks.

Role description:

Carry out state-of-the-art research to enable self-configuring and self-optimising capabilities in wireless networks and systems.

Propose and publish research in major research publications worldwide.

Partner with business units to ensure the successful exploitation of research outputs.

Generate intellectual property through the patenting of ideas.

Create and maintain strong collaborative associations with university-based researchers, other leading research bodies, business units and government agencies.

Contribute in a positive manner to the creative and innovative atmosphere in Bell Labs.

Qualifications, skills, and experience:

Candidates must have a PhD in any related electronic engineering or computer science domain.

Candidate must have the ability to conduct independent research while also contributing to team-oriented projects that often span across multiple Bell Labs sites.

A successful candidate will be versatile, flexible, hands-on, and a self-starter.

Experience of development activities is also desirable.

Candidates must have experience in wireless networks and systems, with the following skills and experiences being highly desirable:

- Optimisation of wireless networks, particularly for SON.
- Familiarity with cellular networking systems (UMTS/LTE).
- Wireless network simulation modelling.
- Small cell/femtocell networks.

Key attributes:

- Strong written and spoken communications skills, able to participate in robust discussions in English.

- Good track record in a research arena or strong industrial experience

- Proven problem solving and analysis ability

A comprehensive benefits package exists including relocation costs.