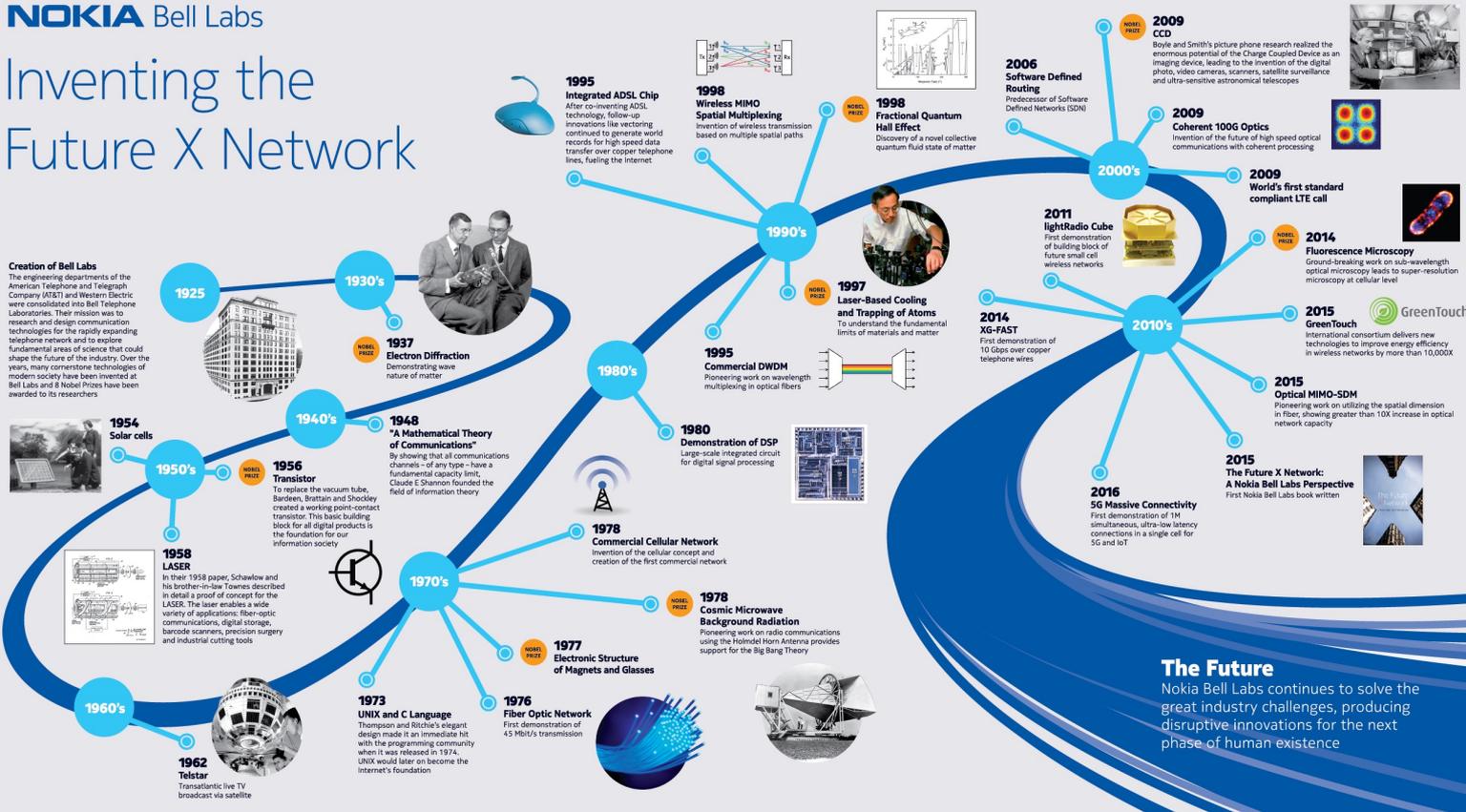


Inverting the Future X Network



The Future
Nokia Bell Labs continues to solve the great industry challenges, producing disruptive innovations for the next phase of human existence

RESEARCH SCIENTIST POSITION

Pervasive Systems Research
Nokia Bell Labs, Cambridge, UK

(w)earable, IoT and Edge AI

Nokia and Bell Labs

Nokia is a global leader in the technologies that connect people and things. Powered by the pioneering work of Bell Labs, our research and innovation division, and Nokia Technologies, we are at the forefront of creating and licensing the technologies that are increasingly at the heart of our connected lives. Nokia Bell Labs is internationally renowned as the birthplace of modern information theory, the transistor, the laser and the UNIX operating system.

Bell Labs Cambridge

Bell Labs' research facility in Cambridge is a leading lab working in the areas of Wearable, IoT Mobile and Embedded Machine Learning Systems.

We have openings for inspired innovators in our Pervasive Systems Department of the Application Platforms and Software Systems (APSS) research Program. The department's research agendas are:

- Embedded systems for mobile, wearable, implantable and IoT-scale far-edge devices enabling resource-efficient, robust, and personalised processing, modelling and analytics of sensory data.

- Disruptive applications in the areas of smart built environment, industrial automation, and sensory human communication.

Main duties and responsibilities

1. Carry out groundbreaking research in the areas of wearables, IoT and EdgeAI with focus on above mentioned research agendas for creating both theoretical innovations and novel practical implementations.
2. Contribute to the technical definition of research objectives and programs.
3. Propose and publish research for the major research publications worldwide.
4. Create and maintain strong collaborative associations with university-based researchers, other leading research bodies, and product business units.
5. Keep an active and visible role in the research community through conference committees and reviewing panels.

Expected qualifications, skills and experience required for this job

1. A Ph.D. in Computer Science / Electrical Engineering with a strong focus on mobile and sensory systems research. A PostDoc experience is a plus.
2. Deep understanding of sensory signal processing and hands on experience with machine learning.
3. Good understanding of mobile and embedded operating systems and hands on experience with mobile application development frameworks.
4. A proven track record in research, with publications in prestigious journals and conferences on Mobile and Ubiquitous Computing such as MobiSys, MobiCom, SenSys, IPSN, NSDI, UbiComp etc.
5. Strong written and spoken communications skills.
6. Ability to conduct independent research while also contributing to team-oriented project.

† For informal query or more information please contact Dr Fahim Kawsar (fahim.kawsar@nokia-bell-labs.com).