

We are hiring!



R&D Manager (1 Position)

Introduction

Do you thrive at the intersection of advanced technology and leadership? Ever dreamed of guiding a team pushing the boundaries of what's scientifically possible? At Low Noise Factory, you'll lead one of the most innovative R&D teams in the world, working on technology that enables quantum computing, space exploration, and radio astronomy. This is your chance to build and grow a high-performing department in a unique, international environment.

About Low Noise Factory

Low Noise Factory (LNF) designs and produces the world's best low noise microwave amplifiers. Our technology operates at cryogenic temperatures close to absolute zero, enabling scientific breakthroughs in quantum computing, deep-space communication and radio astronomy. Our amplifiers receive signals from the most distant spacecraft ever launched, Voyager 1 and help read quantum states in cutting-edge quantum computers.

We combine fundamental research with product development, production and testing in our 1500 sqm Gothenburg facility, where we host state-of-the-art laboratories and electronics assembly, as well as high-frequency cryogenic test systems. We also design and produce semiconductor circuits in advanced cleanrooms. Our team of 22 employees represents 14 different nationalities, united by a passion for science, precision, and making the impossible possible.

Job description and responsibilities

As R&D Manager, you will lead and expand our R&D department from today's 4 engineers to at least 10 in the near future. You will be responsible for setting strategic direction, building and coaching the team, and ensuring alignment between R&D and other departments, and business objectives.

Your main responsibilities will include:

- Leading, mentoring, and growing a diverse team of engineers and researchers.
- Developing and executing the R&D roadmap in collaboration with management.
- Be part of the LNF management team.
- Driving new product development, from concept to market-ready solutions.
- Coordinating cross-functional projects with other departments and external partners.
- Managing budgets, resources, and timelines for R&D projects.
- Representing LNF in academic and industrial collaborations, conferences, and consortia.

This role is both strategic and hands-on. You will guide the team while also contributing technically where your expertise fits best.



Requirements and qualifications

- B.Sc, M.Sc. or Ph.D. in electrical engineering, microwave engineering, semiconductor physics, nanotechnology, or related field.
- Proven experience leading technical teams, ideally in an R&D or high-tech environment.
- Strong understanding of product development cycles.
- Experience within the field of microwave technology, cryogenic engineering, low noise amplifiers or quantum technology.
- Excellent communication skills in English, both written and spoken.
- Ability to inspire, coach and build a strong, collaborative culture.

Valuable additional skills

- Experience with microwave design tools (e.g., Microwave Office, HFSS, Sonnet).
- Experience in customer or partner relations (industry and academia).
- Track record of successful grant applications and management of funded projects.

Benefits and terms

- Full-time, 40 h/week
- Flexible work hours
- 30 vacation days per year
- Occupational pension
- Generous bonus system
- Health maintenance benefit (Friskvårdsbidrag)
- Private medical treatment insurance
- Food benefit

Workplace

The position is full-time and based at Low Noise Factory headquarters, Nellickevägen 24, Gothenburg, Sweden.

How to apply

Send your CV and cover letter to career@lownoisefactory.com

Application deadline: October 20, 2025