

Laboratory Manager

INTRODUCTION

Nearfield Instruments (NFI) brings together the most creative minds in science and technology to develop a revolutionary high throughput atomic force microscopy system enabling atom-scale resolution 3D metrology at industry-level throughput, based on three pillars:

- Unrivaled measurement speed;
- Parallelization capability;
- Advanced measurement modes.

At NFI, we design, develop, integrate, market and service these advanced metrology machines, which enable our customers - the world's leading chipmakers – to increase the production yields, and thus, functionality of their microchips, which in turn leads to smaller, more powerful consumer electronics. We aim to develop leading edge metrology systems, to be installed at the customer site, within specifications, on time, with quality exceeding the customer's expectations.

WHAT WILL YOU BE DOING?

As a Laboratory Manager you will be supervising laboratory activities on our labs where experimental, development and manufacturing work takes place for our semiconductor metrology systems.

Your activities and responsibilities will contain:

- Sample and hardware management, such as registration and management of
 - test samples used for experiments;
 - hardware;
 - software;
 - planning and preparation of the use of hardware resources.
- Laboratory infrastructure management
 - Organize and plan experimental set-up layout;
 - Organize and plan availability of facilities (e.g. air pressure, power, ...) and proper cabling and installation of auxiliary hardware;
 - order infrastructure materials (e.g. computer racks, cable ducts, ...);
 - manage and uphold safety regulations and permits;
 - manage cleaning and tidying up of laboratory;
 - manage the identified required investments (now or future) and make sure these investments are put on the proper investment lists;
 - arrange new lab when necessary.
- Access authorization management
 - arranging proper authorization of people to the laboratories;
 - arranging lab-training when needed.
- Lab visit management
 - Planning and preparation of requested lab visits;
 - Communication with project manager(s) and Scientific lead involved about lab visits.
- Support for PR-related activities.

- Prepare and schedule photoshoots for experimental setups;
- Accompany photographer during photoshoot;
- Aftercare (communication with photographer).

WHAT DO WE REQUIRE OF YOU?

You have a BSc or MSc in mechanical engineering, mechatronics, electrical engineering or applied physics, instrumentation, or chemistry/materials science. and at least 5 years working experience in Measurements Labs environments. Furthermore, you need to recognize yourself in the profile as described below.

- Familiar and comfortable with the uncertainty that comes with experimental and engineering challenges;
- good communication skills;
- fluent in Dutch & English, in word and writing;
- energy, creativity and a boundless curiosity;
- convince and inspire colleagues and customers alike;
- experience in managing suppliers and contractors;
- pro-active and problem-solving attitude;
- Good sense of ownership; defend lab interests if things become difficult;
- Structured in activities; has affinity with making lists, detailed planning, etc.;
- Not afraid of confrontations;
- Self-starting; look for improvements and opportunities.

HAS THIS VACANCY AROUSED YOUR INTEREST?

Then please feel free to apply on this vacancy! Nearfield Instruments offers an exciting, fast-paced working environment where you will be able to shape the system and the company.

For further questions don't hesitate to contact us.

Send your application to:

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