

Machine Owner

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 Machine Owner, you will be responsible for planning the daily activities for the assembly, integration and testing (AIT) of our semiconductor metrology system(s) and the correct handling of potential problems that occur during these phases. You will supervise MAIT engineers who will perform the AIT activities on the system, support in these activities and help with completing test procedures if needed. For solving problems and the implementation of solutions, you will be working together with several module owners. You will report progress on integration and the issue resolution for the system you are responsible for. You will deliver a completely integrated and verified system to the System Integration Project Leader.

Your activities and responsibilities will be to:

- Plan and prioritize activities on system under integration to ensure minimum delay on overall system integration planning;
- Supervise MAIT engineers during execution of planned activities;
- Support in AIT activities where needed;
- Support in completing/updating test and integration procedures if needed;
- Monitor planning to make sure activities finish on time;
- Review the results to make sure the system works according to the requirements;
- Address potential problem when they occur and assist in providing a solution (together with module owners);
- Maintain the configuration overview of the system in detail;
- Report the progress of integration and verification, verbally and in writing.

WHAT DO WE REQUIRE OF YOU?

You have a BSc or MSc in mechanical engineering, electrical engineering, applied physics, instrumentation, or equivalent. Furthermore, you need to recognize yourself in the profile as described below.

- background in (planning of) integration activities and working on complex systems;
- basic knowledge in optics, mechanics, mechatronics and software;
- strong organizational and problem-solving skills;
- pro-active, problem-solving and hands-on attitude;
- flexible and capable of working in a complex environment;
- familiar and comfortable with the uncertainty that comes with experimental and engineering challenges;
- good communication skills;
- good report writing skills.

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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