

Director of Development & Engineering

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?

- Direct and lead the Development and Engineering unit to plan and execute development of new products, improve existing product designs, simplify production techniques, and develop test procedures. You are also responsible for the daily operation of D&E unit;
- Analyze market and business needs, presented by marketing department and from discussions with customers, and recommend technical solutions. You will establish product needs and priorities;
- Apply strategic thinking to develop a product road map for the company and create a culture of product innovation and product leadership;
- Manage multiple product development projects, set clear objectives, and allocate and manage resource effectively;
- Develop, plan and deploy resources, thereby balancing innovating for new products with sustaining engineering;
- Lead effort to determine engineering feasibility and cost effectiveness, related to customer demand for new and existing products;
- Set, manage and review the forecasted operating costs of the D&E unit;
- Ensure D&E Project Management Office (PMO) administers effective processes and databases for project status tracking, project time tracking, cost reporting, and other administrative reporting functions;
- Initiate and facilitate communication sessions with all company departments as needed to discuss and agree project requirements, priorities and schedules;
- Provide strategic direction, vision, and leadership to direct reports including coaching, mentoring and developing;
- Conduct yearly performance evaluation in cooperation with team leaders;
- Support in the development of the D&E unit through career planning discussions and strategic objective setting;
- Report directly to the CTO.

WHAT DO WE REQUIRE OF YOU?

The candidate we seek ideally has sufficient experience as a leader of operation, engineering and development in a working environment which, in terms of complexity, is in line with that of NFI. Experience in the field of semiconductor manufacturing equipment is a plus. Furthermore, you need to recognize yourself in the profile as described below.

Education & Experience:

- A PhD. or MSc. in Engineering or Physics;
- 10 plus years of experience in leading a high-tech product development team in an industrial/commercial organization, or equivalent combination of education and experience
- 5 plus years of supervisory experience and directing highly qualified technical staff (Mechanical, Electrical, Software, Physics);
- Proven track record in delivering new product development projects on schedule and within budget;
- Creating and managing highly effective teams, both inside the department and cross functionally;
- Proven experience in developing and managing project schedules and budgets;
- Measuring, reporting and achieving engineering metrics;
- Managing department and project expenses, resource allocation and administration;
- Experience outsourcing and managing product development to contractors and solution suppliers.

Knowledge & Skills:

- Excellent oral, written, verbal interpersonal and presentation communication skills;
- Excellent project management, analytical, and organizational skills;
- Excellent computer skills using Microsoft Office products, solid presentation skills including the ability to explain complex technologies and product features.

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.

Keywords: Development, Engineering, Director, Manager, Operation, Project Management, High Tech systems, Semiconductor Equipment

Send your application to:

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