



Product Development Director

Semiconductor devices provide the foundations on which progress in the technology sector are enabled. From Smartphones to Artificial Intelligence, 5G communications to autonomous vehicles, all are made possible through advances in semiconductor processes. Scaling these processes requires sub-nanometer measurement of increasingly complex 3D structures to enable more powerful devices. At **Infinitesima** we have pioneered a revolutionary atomic precision 3D metrology technology which has been qualified by leading companies in the semiconductor industry and we believe is essential for continued progress. To quote Lord Kelvin, *'If you can't measure it you can't improve it!'*. Come and join our dynamic team to enable the semiconductors for tomorrow's technological developments.

Do you have experience in Project Management of complex engineering/technology products in a fast-moving environment? We currently have an exciting opportunity for a Project Director to join our Development and Engineering team.

The prime function of the role is to manage engineering and technical developments for our new Metron3D products.

Location: Abingdon
Reporting to: Chief Technical Officer

The Opportunity:

Infinitesima provides innovative nanoscale imaging products to leading companies in the semiconductor industry. With the expanding scaling requirements in the semiconductor industry, our technology is increasingly important. The launch of Metron3D together with expansion of the business offers new and exciting opportunities for the right candidate.

Infinitesima has projects running at different stages in the company's Product Lifecycle Management (PLM) process. The company is looking for a full-time Metron Product Development Manager to manage Metron3D activities within the Development and Engineering organisation.

Key Responsibilities:

Responsibilities and Duties, to include:

- Drive the integral development of the Metron3D products to deliver the agreed performance requirements, on time, and in budget.

- Technical alignment across engineering disciplines and key suppliers to deliver agreed system performance and functionality.
- Work with the project manager and functional managers to ensure required resources available to meet the product development timeline with stage gate reviews in accordance with the PLM process.
- Manage the integral product development budget together with head of Development & Engineering.
- Ensure the integral product cost target is achieved together with head of supply chain management.
- Work closely with the product manager and marketing team to align functionality and performance of the product to specific customer requirements to maximise the business for the company.

Personal Qualities:

- A natural leader that can work effectively across functions and technical disciplines to align and motivate people inside and outside the business.
- Strong analytical capability with the ability to zoom in and out of subjects to see the big picture and understand the details.
- Self-driven and highly motivated towards delivering results.
- Pragmatic and flexible yet systematic and disciplined in approach.

Education / Qualifications:

- PhD in an Engineering or Science discipline preferred or extensive industrial experience with lower technical qualification.

Professional Skills/ Abilities:

Essential

- Strong multi-discipline technical background
- Experience in driving product development in a multi-discipline high technology environment.
- Experience of working with semiconductor or other complex equipment, such as, aerospace programmes
- Demonstrated ability to manage product developments in a complex and fast-moving environment.
- Comfortable with technologies used, including servo-mechanics, electronics, and optics.
- Ability to effectively interact with engineers and scientists across a broad spectrum of disciplines as well as internal and external stakeholders across the full spread of business functions.
- Excellent English written and verbal communication skills.
- Excellent organisational skills and attention to detail.

Preferred

- Experience with semiconductor manufacturing equipment
- Knowledge of Scanning Probe Metrology systems and techniques
- Knowledge of metrology systems and techniques

Benefits:

In addition to a competitive salary and an annual bonus. Infinitesima offers flexible working hours, hybrid working, 25 days annual leave, death in service and private health care benefits, personal pension contributions of 4% with salary sacrifice and a generous EMI Share scheme.

All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, or disability.

Note to recruitment agencies: Infinitesima Ltd only works with approved agencies and does not accept unsolicited agency CVs. Please do not submit candidate details in response to this advert, or to any Infinitesima Ltd employees. Infinitesima Ltd is not responsible for any fees related to unsolicited CVs.