

## Physicist/Scientist IV - (E4)-1706224

Applied Materials–Varian Semiconductor Equipment is seeking an energetic, self-driven scientist with a strong background in modeling ion beams or plasmas to join our research and development team in Gloucester, MA. The ideal candidate will be a multitasking independent worker with project management skills that can define problems and objectives, perform numerical beamline optics modeling, work with experimentalists or perform experiments directly, analyze results and provide recommendations for multiple projects.

### **As the Physicist/Scientist IV, you will:**

Be part of a multifunctional work environment, in charge of investigation of exploratory R&D programs for high demand market applications, with focus on sustaining competitive advantages with quick time to market, IP generation and building strategic relationships with customers/research centers. You will have the opportunity to develop novel applications and approaches for ion beam technology in various fields. Your work will be involved in all aspects of ion beam line development including magnet design, electrostatic optics and defect particle transport.

### **Basic Qualifications:**

- PhD with a minimum of 5 years experience in the design, modelling and experimental development of ion beam or plasma systems

### **Strongly Desired Qualifications:**

- Experience with completion of complex design tasks
- Ability to work with and be a part of a cross functional team
- Experience in ion optics design and program execution
- Goal-oriented with independent project-driving capability
- Ability to manage multiple projects simultaneously
- Excellent oral and written communication skills
- Ability and desire to work in a collaborative team environment

Interested applicants are invited to apply at <http://bit.ly/AMATPhysicistScientistIV> or contact Jay Scheuer ( [Jay\\_Scheuer@amat.com](mailto:Jay_Scheuer@amat.com) ) directly.

**Applied Materials is committed to diversity in its workforce including Equal Employment Opportunity for Minorities, Females, Protected Veterans and Individuals with Disabilities.**