



## Plasma Scientist/Engineer

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**Position Title:** Plasma Scientist/Engineer

**Position Type:** Regular Full Time

**Location:** Tualatin, Oregon (USA)

### **Job Description**

Lam Research is seeking plasma scientists/engineers to develop new plasma sources and plasma metrology. The candidate will be responsible for design and execution of research projects. The candidate will investigate the feasibility of applying scientific principles to potential inventions and industrial products. Also, the candidate is expected to collaborate with experts in academic communities and to productize innovative ideas.

### **Qualifications**

- MS/PhD in Physics or Engineering (Chemical, Electrical, Mechanical or related field).
- Extensive background in low temperature plasmas and related technology
- Hands-on experiences in research and development
- Excellent problem-solving and trouble-shooting skills
- Ability to work independently in a highly dynamic and fast-paced environment
- Ability to effectively communicate with colleagues in cross-functional team environment

### **Skills and knowledge**

- Expertise in optical/electrical plasma diagnostics (OES, LAS, LIF, Langmuir probe, Capacitive probe, RFEA, QMS, etc)
- Experience in CCP, ICP, SW, and other plasma sources
- Proficiency in automated data collection and analysis with LabView, Matlab, etc
- Fundamental understanding of chemical reactions and heat-mass transfer
- Experience in computational modeling will be a plus

### **Contact**

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