

RF/Plasma Engineer Opportunity

Lam Research is seeking a highly motivated and extremely inventive hands-on RF/Plasma engineer at the New College Graduate level.

Required:

The ideal candidate is expected to be knowledgeable in some or all of the following areas:

- RF generator design
- Transmission line theory.
- Impedance matching.
- RF filter design.
- Metering and RF power measurement circuit design.
- RF sub-system / box level design including interface specifications and margin analysis.
- Cable harness design, documentation, and fabrication.
- Practical RF engineering design practices such as shielding, power supplies, RF measurements, calibration techniques and signal analysis.
- Experience with RF measurement equipment such as network analyzers, spectrum analyzers, RF power meters, oscilloscopes, etc...

Preferred:

- Experience designing, building and trouble-shooting RF and Plasma systems.
- Familiarity with Plasma Physics and Plasma modeling techniques
- Knowledge of plasma diagnostic techniques
- Experience with industrial electronics, control systems, and I/O.
- High voltage power supply design.
- Experience working with vendors to implement your designs in a timely and cost-effective fashion.
- Exhibit strong organizational skills, creativity, organizational acumen, and leadership skills.

QUALIFICATIONS:

- Minimum of MS or PhD in Electrical Engineering, Physics or similar with experience in high power RF design.
- Application to plasma reactor design and understanding of plasma interactions and issues
- Ability to propose innovative solutions, drive to completion, analyze results and present to Executive management
- Excellent analysis and trouble-shooting skills.
- Knowledge of the Semiconductor industry, plasma, and capital equipment experience a plus.
- Strong communication skills.
- Must be able to work well in a team environment.
- Exhibit strong organizational skills, creativity, organizational acumen, and leadership skills

Lam Research - where successful people want to work: We are a company comprised of people who work hard, deliver outstanding results and maintain a sense of humor during even the most challenging times. This is truly a rare opportunity. Lam Research is a market leader where our core values are not just words on the back of your badge. Given the criticality of this role to Lam Research's success, this philosophy starts with you.

Contact: roger.patrick@lamresearch.com