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JAC Recruitment Singapore

PR/096397 | Head of Optical Technology

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1570930

Industry

Healthcare, Nursing

Job Type

Permanent Full-time

Location

China

Salary

Negotiable, based on experience

Refreshed

February 10th, 2026 04:00

General Requirements

Minimum Experience Level

Over 10 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Job Title: Head of Optical Technology

Location: Beijing (Relocation assistance available)

About:

Join a prominent, listed R&D-driven enterprise. They are a key player in a larger group of over 1800 employees, committed to pioneering advanced technological solutions. Their work has a significant impact on various industries and offer a challenging yet rewarding environment where innovation and leadership are highly valued. This leadership role reports directly to the President of the Research Institute.

The Opportunity: They are seeking a visionary and highly experienced Head of Optical Technology to lead the optical system design and development efforts, with a specialized focus on atomic emission spectroscopy. You will be instrumental in driving technical breakthroughs, building a high-performing team, and translating cutting-edge research into commercial products.

Key Responsibilities:

- Lead the full lifecycle of optical system design, development, and verification, ensuring technical objectives and project timelines are met.
- Drive pre-research and innovation in optical technology, particularly within atomic emission spectroscopy.
- Solve complex technical challenges in optical system design (e.g., precision alignment, low-noise spectroscopy).
- Develop and mentor a strong optical technology team, enhancing their professional and engineering capabilities.
- Collaborate cross-functionally with electronics, mechanical, and software teams to commercialize innovative products.

Qualifications:

- 10+ years of extensive experience in optical system design or atomic emission spectroscopy R&D, with a proven track record from design to product commercialization.
- Expert proficiency in optical design methodologies and software (Zemax, Code V, LightTools).
- In-depth knowledge of plasma light sources, spectroscopic dispersion systems, and detectors.
- Mastery of atomic emission spectroscopy principles and related system design/simulation.
- Proven technical team management experience, including strategic roadmap development and project delivery.
- Strong cross-departmental coordination and communication skills.
- Language: Professional English proficiency required. Mandarin proficiency is NOT a prerequisite for this role.

Interested applicants, please click **APPLY NOW**.

Please note, only shortlisted candidates will be contacted.

Peh Yong Sin
JAC Recruitment Pte Ltd
EA License Number: 90C3026
EA Personnel: R2197665

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Company Description