Kyulux

Metrology-Device

Job title	*Metrology-Device*

Job purpose

This position is in Fukuoka office of Kyulux, Inc. performing design, synthesis and testing of new materials for TADF/HF commercialization.

Kyulux was established in Japan in 2015 to develop next generation materials for OLED displays and lighting. Based on exclusively-licensed technology from Kyushu University, Kyulux develops hyperfluorescence TADF emitters that will enable cost-effective, durable and efficient OLEDs that do not rely on rare metals.

Duties and responsibilities

We are looking for a recruit to contribute to the development of new OLED materials in a multidisciplinary environment for OLED applications.

- Preparation and execution of experiments (device fabrication, testing and thin film measurement characterization)
- Detailed experimental documentation and summary of results
- Testing and Fabrication of Organic Light Emitting Diodes (OLEDs)
- Maintaining the quality of the equipment so that it is ready for all scheduled fabrication operations (Glovebox, PVD evaporation system, vacuum pumps and optoelectronics measuring stations)
- Provide day to day support in the cleanroom ensure that the equipment is in good working order
- Keep work areas clean and organized
- Follow all safety guidelines and look for continuous improvement
- Engage in management and operation of designated work areas

Qualifications

Qualifications include:

- Bachelor or Master degree in material science, physics
- Skills in mechanical operation in vacuum environment
- Experience in the field of organic electronics is preferred
- Strong communication skills in English and Japanese; Chinese and Korea are a plus
- Ability to work in a multidisciplinary environment and
- Excellent skills for working in the laboratory
- Communicative and flexible personality with an independent and team-oriented working style
- Experience working in a cleanroom environment
- Independent but flexible and able to work in teams to achieve common complex goals.
- Focused and detail oriented.

Working conditions

42.5-hour Discretionary labor system for professional prescribed working hours (including 23-hours of overtime) per week mostly in Fukuoka office at FiaS (Fukuoka industry-academia Symphonicity) bldg. Travel to USA is an option but not required.