



Scientist-Device

Job title	<i>Scientist-Device</i>
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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.

- Provide expertise to improve OLED devices test, fabrication and analysis and presentation of device data.
- Contribute to partnerships with research institutions and organic electronics companies
- Keep track of market / business trends, awareness on marketability of new product developments.
- Design of new targets, in collaboration with synthetic chemists and computational chemists.
- Report regularly on research activities in written and oral form to scientific peers and management.
- Working in interdisciplinary teams to innovate new material concepts in devices.
- Work closely with our multidisciplinary team to realize our commercial goals.
- Planning and supervising activities in our synthesis laboratories
- Documentation and remaining current on the latest research results.

Qualifications

Qualifications include:

- PhD in material science or related field with expertise in modern organic electronics device fabrication, testing and analysis
- 3 years of relevant experience in industry or academia in material science or related field
- Strong knowledge of device fabrication and testing techniques
- Multidisciplinary (semiconductor physics and organic electronics) is a plus.
- Strong communication skills in English and Japanese; Chinese and Korea are a plus
- Positive and energetic personality.
- 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 Symphoncity) bldg. Travel to USA is an option but not required.