



Electron Microscopy specialist

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Job Information

Hiring Company

[Okinawa Institute of Science and Technology Graduate University](#)

Job ID

1581995

Industry

Education

Job Type

Contract

Location

Okinawa Prefecture, Kunigami-gun Onnason

Salary

Negotiable, based on experience

Work Hours

9:00-17:30 (裁量制)

Holidays

年次有給休暇、夏季休暇、傷病休暇、年末年始休暇、慶弔休暇、産休/育休完備など

Refreshed

May 6th, 2026 14:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Daily Conversation

Minimum Education Level

Post Grad Degree (PHD/MBA etc)

Visa Status

No permission to work in Japan required

Job Description

The OIST Scientific Imaging Section is looking for a highly motivated and team-oriented technical specialist to primarily support FIB/SEM and serial block-face SEM workflows within the university. The candidates' principal duties will be to maintain multiple state-the-art microscopes, and to train and assist OIST researchers in their operation.

Responsibilities:

1. Provide the following services related to scanning electron microscopy:
 - Training researchers to use the section's SEM-based instruments, as well as sample preparation workflows.

- Consult with and assist researchers in sample preparation, measurement, and analysis of data.
2. Collaborate with researchers by conducting:
 - Sample preparation
 - Data acquisition
 - Data analysis
 - Preparation of files for publication
 3. Creation of standard training programs, manuals and protocols for the efficient training and use of the instruments.
 4. Maintenance of all relevant equipment and facilities.
 5. Work with equipment vendors on maintenance, development, and trouble-shooting issues.
 6. Maintenance of supplies and consumables for the machines.
 7. Supports the purchase and procurement of equipment based on the needs of researchers, by documenting the specifications of the equipment and by communicating with the manufacturers and vendors, etc.
 8. Maintenance of excellent records regarding research support, equipment maintenance and safety.
 9. Other duties as assigned by the Scientific Imaging Section Leader.
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Required Skills

Qualifications:

(Required)

1. PhD in physics, biophysics or a related field
2. Experience in operating and maintaining scanning electron microscopy systems, specifically those for volume electron microscopy.
3. A minimum of 5 years of experience in usage of relevant electron microscopy techniques.
5. Experience in training or mentoring.
6. Excellent communication skills in English.
7. Ability to adapt to local culture and rapidly changing work environment.

(Preferred)

1. Experience working in a research support division
 2. Japanese language skills (conversational)
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Company Description