



Receiver Engineer Position in ASIAA

Closing Date : December 31, 2026

Position Overview	We build astronomical telescope receiver systems, from the component level of design, measurement, integration, and verification to the system level verification on site. The mission is detecting the signals from the sky then convert to scientific data. This role is an ideal fit for New graduates: A definitive starting point for your engineering career. You will receive hands-on training to measure, integrate, and solve complex problems. Experienced engineers: An opportunity to work on complete systems and collaborate internationally, delivering designs that operate reliably in the most extreme environments.
Key Responsibilities	Design & Troubleshooting: Design, test, measure, and troubleshoot astronomical telescope receiver components and system. Integration: Execute System Integration & Verification (I&V) procedures to ensure component, subsystem and receiver system meets specifications. Field Deployment: Travel to observatory sites to install instruments and provide on-site technical support. Collaboration: Collaborate across engineering disciplines and science teams to ensure project success
Who We're Looking For (No restriction on major)	Background: We welcome candidates with any engineering or physics backgrounds, including (but not limited to): Electrical Engineering, Mechanical Engineering, Photonics/Optoelectronics, Materials Science, Physics, Aerospace Engineering, Communications, Control, Systems Engineering, etc. Education: B.S. or M.S. in a relevant field (New graduates are welcome). (For applicants who do not hold citizenship of Taiwan (the Republic of China), an MS, MSc, MEng equivalent or higher academic degree is mandatory.) Mindset: Strong interest in hardware, hands-on work, measurement, and system integration; willing to learn across disciplines.
Required Qualifications	Fundamentals: Solid engineering or physics fundamentals with ability to perform experiments and interpret data. Systems thinking: Ability to integrate requirements and analyze root causes when problems arise. Communication: Ability to read and write technical documents in English (spoken discussion is a plus). Soft Skills: Strong independent problem solving skills and a team oriented attitude.



中央研究院
天文及天文物理研究所

ACADEMIA SINICA
Institute of Astronomy and Astrophysics

Preferred Qualifications	RF Experience: Experience with RF/microwave/millimeter-wave measurement or design (capstone project, lab, or industry experience). Instrumentation: Familiar with test equipment such as VNA, spectrum analyzer, signal generator, oscilloscope, etc. Programming: Experience in control and data acquisition; programming with Python and/or LabVIEW is a plus. Willing to accept domestic and overseas travel, being able to work at 4000+m altitude, and holding a valid current driving license is preferred.
Salary	According to Academia Sinica regulations; Labor Standards Act applicable. A competitive salary ***based on education and experience*** will be offered. Bachelor's degree entry level salary: NT\$38,388 Master's degree entry level salary: NT\$44,968 The "actual" starting salary is highly negotiable if the applicants are experienced. The year-end bonus is 1.5 months.
How to Apply	Email to: ydhuang@asiaa.sinica.edu.tw Subject: Receiver Engineer_Your Name Attachments: CV, personal statement, transcript; (optional) technical report/paper. Please provide at least two referees (name / title / contact information) for reference checks

Website

<https://www.asiaa.sinica.edu.tw/jobopening/ad.php?i=f0adbe38d9cbec32bbee7e0e0136cd9d>
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The applications will be reviewed until all slots are filled.