

※ This announcement is for foreigners who have difficulty using Korean.

As a government-funded research institution, Korea Research Institute of Standards and Science(KRISS) performs research involving basic and original technology in all areas of science and technology. Based on the National Competency Standards associated with blind recruitment, it now calls for competent scientists from various areas who are encouraged to pursue their dream and passion at KRISS.

☐ Areas for Employment

Field		Assigned Task	Personnel	Code
Physical Metrology	Length and Dimensional Metrology	- Adaptive optics algorithm development and enhancement - High-resolution image acquisition using computational imaging	1	A01
	Non-Destructive Metrology	- Visualization modeling of electromagnetic waves (eddy currents) or ultrasonic waves - Signal analysis and interpretation of electromagnetic waves (eddy currents) or ultrasonic waves - Design of electromagnetic wave (eddy current) or ultrasonic sensors and circuits	1	A02
Chemical and Material Metrology	Inorganic Metrology	- Development of measurement methods for inorganic analysis (ICP-MS, IC, etc.) - Development of certified reference materials for inorganic analysis - Isotope ratio measurements and sample preparation method for inorganic analysis	1	B01
	Emerging Material Metrology1	- Development of high-performance water electrolysis catalysts for next-generation green hydrogen production and investigation of reaction mechanisms - Development of highly durable membrane electrode assembly (MEA) fabrication technologies and measurement/analysis techniques for degradation behavior	1	B02
	Emerging Material Metrology2	- Measurements and evaluations technology of secondary battery materials for multi-/extreme-environment uses - Real-time/in-operando measurement technology for secondary battery materials	1	B03
Biomedical Metrology	Biometrology	- Development of DNA and RNA measurement methods (digital PCR, real-time PCR, etc) - Development of nucleic acid reference materials and measurement procedure for infectious disease & cancer diagnosis - Submission of standard procedures to the international database	1	C01

Field		Assigned Task	Personnel	Code
	Nanobio Measurement1	• LC-MS/MS-based proteomic analysis • Development of proteomics-based methods for evaluating stability and efficacy	1	C02
	Nanobio Measurement2	• Development of AI-based methods for multimodal image registration, fusion, and analysis • Development of methods for spatial resolution enhancement and data quality improvement in mass spectrometry imaging	1	C03
	Ionizing Radiation	• Development of precise measurement and quality assurance technique for absorbed dose to water at ultra-high dose rate (FLASH) irradiation • Optimal design of medical ultra-high dose rate (FLASH) electron linear accelerator using Monte Carlo simulations	1	C04
Quantum Technology Research	Quantum Magnetic Sensing1	• Development of a Magneto-Optical Kerr Effect Microscope • Quantum magnonics • Quantum skyrmionics	2	D01
	Quantum Magnetic Sensing2	• Development of miniaturized quantum magnetometers based on NV centers in diamond • Quantum magnetic imaging system using ODMR properties of point defects	1	D02
	Quantum Information Networking1	• Participation in research on optics-based quantum information processing	1	D03
	Quantum Information Networking2	• Quantum optical sensing technology and metrology • Quantum entangled photon pair sources and quantum interferometry technology	1	D04
	Atomic Quantum Sensing1	• Research on the Control of Laser-Cooled Atoms • Research on Gravity, gravity gradiometer and Inertial Sensors Using Atomic Interferometers	2	D05
	Atomic Quantum Sensing2	• Generation and control of on-chip microcombs • Development of quantum information systems based on atomic chipcells and photonic integrated circuits	1	D06
	Neutral Atom Quantum Computing	• Neutral atom quantum computing platform development • Laser and optical control technologies • Experimental control and automation development	2	D07
Strategic Technology Research	Semiconductor and Display Metrology	• R&D on intelligent semiconductor materials and devices based on low-dimensional materials • R&D on real-time characterization technology for semiconductor properties in extreme environments	1	E01

Field		Assigned Task	Personnel	Code
	Emerging Research Instruments	• Development of advanced instruments and application research using electron beam optics technology – Development of Metrological-SEM (Scanning Electron Microscope) – Development of REELS (Reflection electron energy loss spectroscopy)	1	E02
Superconducting Quantum Computing System1		• Design and optimization of high-performance superconducting quantum processor architectures suitable for quantum error correction • Optimization of qubit frequency allocation based on unit-cell architectures • Simulation of high-fidelity quantum gates • Design of tunable couplers for high-speed quantum gates • Development of Purcell filters for high-fidelity qubit readout	1	F01
Superconducting Quantum Computing System2		• Development of fabrication processes for high-performance superconducting QPUs • 3D packaging for QPUs with 100 or more qubits • Control of fabrication yield and process variation for large-area, wafer-scale QPUs • Quality control of large-area superconducting thin films and optimization of wafer-scale electron-beam lithography and Josephson junction fabrication processes	1	F02
Superconducting Quantum Computing System3		• Control and noise analysis of superconducting qubits for quantum gate implementation • Development of cryogenic low-noise measurement techniques for high-fidelity qubit readout • Development of integrated software for operating large-scale QPUs with 100 or more qubits • Development and experimental implementation of quantum error correction and error mitigation methodologies	1	F03

※ Candidates can apply in only one of the recruitment fields, and admission is cancelled if overlapping or cross-applications are confirmed.

☐ Eligibility

Classifi- cation	Description
Post-doc.	○ Eligibility requirements – Those who do not fall under the reasons for disqualification for appointment • Those who have not suspended or deprived voting rights by law • Those who have not evaded military service obligations • Those who have not been caught for fraudulent employment • Those who have not been dismissed due to misconduct • Those without reasons for disqualification for overseas travel – Those who have obtained their Ph.D. within the past 7 years as of the scheduled date of employment stated in the job announcement, or who are expected to obtain their Ph.D. within 3 months from that date. ○ Preferential treatment – Those of national merit, those eligible for employment support, those with disabilities and Women in science and technology are eligible for preferential treatment if they submit evidentiary documents.

☐ How to apply

- Online Application on the KRISS Job Page (<https://kriss.fairy.im/>)
- Submission Period: September 17, 2026 (Thu) - October 2, 2026 (Fri), 11:00 AM
 - ※ Korean Standard Time, UTC+9

☐ Process

Process	Description
1st Screening (Document)	○ Evaluation of expertise and competence in each area for employment – Evaluation items: performance, experience, capability, competence, etc. – Criteria for passing: Each applicant will be evaluated with a five-point scale in comprehensive consideration of evaluation items. Applicants who earn high scores among those who earn at least 80 points on average based on the aggregate points granted by each evaluator. – No. of applicants selected: within three times the expected number of new hires
2nd Screening (Interview)	○ Research performance seminar and personality interview – Evaluation items: basic attitude, thinking ability, presentation ability, potential, knowledge – Criteria for passing: Applicants who earn high scores among those who earn at least 80 points on average based on the aggregate points granted by each evaluator. – No. of applicants selected: within the expected number of new hires

※ Applicants who reside overseas may have a video interview in the 2nd screening.

☐ Required documents

Classification	Description
Application Form	○ Self-introduction, experience statement, article and patent performance list, etc. ※ Fill out through the online job posting website.
Before 2nd Screening	○ Presentation materials for research performance seminar ○ Certificates of graduation of all university/graduate school programs ※ Only official certificates of graduation(official diplomas) are acceptable. Provisional certificates(letter, etc.) are not accepted. ※ Documents submitted before 2nd screening are not provided to evaluators.
After 2nd Screening	○ Transcripts of graduation of all university/graduate school programs ○ Proof of research achievements(paper, patent, etc.) written in application form ○ Proof of career/employment, copies of certificates of qualifications, certificate of military service (if applicable) ○ Certificate of disability, certificate of eligibility for employment protection (if applicable) ※ Documents submitted after 2nd screening are not provided to evaluators.

☐ Timeline

Process	Date	Remarks
Recruitment Announcement	September 17 - October 2, 2026	Timeline is subject to change due to the institution's circumstances.
Application Period	September 17 - October 2, 2026	
1st Screening	In October 2026	
2nd Screening	Late October - Early November 2026	
Announcement of Candidates Passing the 2nd Screening	In November 2026	
Scheduled Date of Employment	December 1, 2026	

☐ Training conditions

Classification	Description
Term of contract	○ Total training period: Up to 5 years (with contracts renewed for periods of up to 1 year at a time) ※ If the training period ends while the researcher is participating in an ongoing research project, the training period may be extended once until the end of the relevant project phase under the Project-Based Tenure System. ※ If the result of the training evaluation is insufficient, the training period cannot exceed 3 years. ※ Non-completion of required security training following a security violation may affect contract renewal.
Working conditions	○ Wage: To be determined through career grading applicable to regular employees based on the institution's own evaluation criteria

□ Other information

- Failure to comply with the blind recruitment requirements during screening process may result in penalties such as deductions.

- Do not write prejudice factors—such as age, gender, place of origin, family relations—in the self-introduction letter. (You can fill out prejudice factors if requested directly on the application form though.)

- Candidates will be selected within the planned number of successful candidates for each stage. If no qualified candidates are identified in a given field, the position may remain unfilled.
- Candidates are responsible for any disadvantages resulting from omitted documents or false entries/submissions.
- If any fraudulent behavior or false information is discovered during the screening process, acceptance and appointment may be canceled.
- Candidates found to have engaged in fraudulent practices may be restricted from applying for public institution recruitment exams for the next five years.
- Reserve candidates may be selected in preparation for possible cancellations or declinations of final offers.
- In accordance with Article 11 of the Fair Hiring Procedure Act, applicants may request the return of original submitted documents after the hiring decision has been finalized. Documents will be returned upon identity verification.
- Preferential treatment will be given to eligible persons such as veterans and persons with disabilities in accordance with relevant laws, provided that supporting documents are submitted.
- To enhance institutional competitiveness and attract talent with job competency, KRISS may collect and use information such as the name of the university/graduate school attended, research laboratory, and academic advisor.
- For further inquiries, please contact the recruitment website's Q&A section.
 - Email: ssbaek@kriss.re.kr