Postdoctoral Position Descriptions

Offered by: University of Science and Technology Beijing

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No.	Established Discipline / Field	Position Title	Research Directions and Core Research Content	Intended Enrollment and Program Duration	Introduction to the Supervisor and Research Team	Recruitment Criteria	Compensation and Benefits	Application Procedure
1	Materials Science and Engineering	Material Service Behavior Research	Research on intelligent evaluation technology for material service behavior	1-2 persons	The team has long been engaged in research on material service damage behavior and mechanisms, and the development of advanced evaluation technologies.	1. Aged 35 or below. 2. Possess knowledge and a research background in metallic materials, and those with theoretical calculation abilities are preferred. 3. Have published at least 3 relevant research papers in SCI-indexed journals as the first author.	1. Annual salary: RMB 210,000 (including national and local subsidies) 2. A research start-up fund of RMB 100,000. 3. Provision of laboratory space and required equipment. 4. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

						4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		
2	Materials Science and Engineering	Strengthening and Toughening Mechanisms of High-Entropy Alloys Research Position	1. Research Direction: Optimization of room-temperature or high-temperature properties and deformation mechanisms of high-entropy alloys, etc. 2. Research Content: Focus on the property optimization pathways and intrinsic deformation mechanisms of high-entropy alloys in room and high-temperature environments. Relying on	2-4 persons, 2-3 years subject to the progress of the research project.	Prof. Wu Yuan, selected for the National Major Talent Program, Dean of the School of Mathematics and Physics at University of Science and Technology Beijing. He has been long committed to the atomic-level structural characterization, property optimization, and deformation mechanisms of advanced metal materials such as amorphous alloys and high-entropy alloys. He has achieved systematic innovative results in this field, publishing over 200 papers in top international journals such as *Nature*, *Science*, *Advanced Materials*, and *Nature*	1. Aged 35 or below. 2. Engaged in research related to high-entropy and amorphous alloys, advanced steel materials, multi-scale computational simulation, or other related fields during the Ph.D. period. 3. Have published at least 1 relevant research paper in SCI-indexed journals as the first author. 4. Good command of English (listening,	1. On top of the university salary, the co-supervisor can provide additional matching funds with no upper limit. Benefits for personnel selected for talent projects or plans are distributed cumulatively. 2. Incoming candidates with outstanding academic achievements may be granted the treatment of Distinguished Associate Professor or Distinguished Professor. 3. Provision of laboratory space and required equipment.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

			atomic-level characterization technology as the core support, combined with macroscopic performance testing and microscopic structure analysis, construct a "composition regulation - microstructure - mechanical property - deformation mechanism" correlation system, providing a theoretical foundation and technical reference for the engineering application of high-entropy alloys.		*Communications*, with over 10,000 SCI citations, and holding over 30 authorized patents. The team belongs to the Alloy Design and Simulation group, affiliated with the State Key Laboratory for Advanced Metals and Materials, led by Academician Lü Zhaoping. The research focuses on the multi-scale structural regulation and performance enhancement of metal materials. Directions include: high-temperature strengthening and oxidation mechanisms of high-performance heat-resistant steels; physical metallurgy, mechanical behavior, and engineering applications of bulk amorphous alloys; porous metal materials; nano-precipitation and phase transformation toughening and plasticizing of new metal materials like high-entropy alloys; and atomic-level fine structure characterization of	speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	4. Assistance with visa, housing, and children's education.	

					structure-property correlations.			
3	Materials Science and Engineerin g	Structural and Functional Integration Mechanisms of High-Performa nce Metal Materials	1. Research Direction: High-entropy alloys, ultra-high-strength metal materials, amorphous alloys, electrocatalysis, atomic-level characterization and simulation, etc. 2. Research Content: Conduct systematic research around the structural and functional applications of advanced metal materials. High-entropy alloys focus on exploring room and high-temperature strengthening and toughening mechanisms, breaking through the difficulty of synergistic improvement of strength and plasticity. Ultra-high-strength	2-4 persons, 2-3 years subject to the progress of the research project.	Academician Lü Zhaoping. Long committed to the research of metal materials and physical metallurgy, he has made systematic and innovative contributions to alloy design principles, strengthening and toughening mechanisms, organizational regulation technologies, and engineering applications. He proposed the new concept of strengthening and toughening metal materials via the "low-misfit strong-ordering effect," breaking the bottleneck where it is difficult to balance high strength with high plasticity and toughness in metal materials. He has developed ultra-high-strength and toughness metal materials across multiple alloy systems, serving national major engineering fields such as aerospace, energy, and transportation, and national defense. He has	1. Aged 35 or below. 2. Engaged in research related to high-entropy and amorphous alloys, advanced steel materials, multi-scale computational simulation, or other related fields during the Ph.D. period. 3. Have published at least 1 relevant research paper in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	1. On top of the university salary, the co-supervisor can provide additional matching funds with no upper limit. Benefits for personnel selected for talent projects or plans are distributed cumulatively. 2. Incoming candidates with outstanding academic achievements may be granted the treatment of Distinguished Associate Professor or Distinguished Professor. 3. Provision of laboratory space and required equipment. 4. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

			metal materials focus on novel strengthening and toughening mechanisms to achieve an excellent combination of ultra-high strength and high plasticity and toughness. Amorphous alloys deeply study atomic structures and mechanical behaviors to establish new theories of ordered structure strengthening and toughening. The electrocatalysis direction uses amorphous and high-entropy alloys as precursors to prepare highly efficient hydrogen evolution catalytic materials, improving electrocatalytic performance. Atomic-level characterization and simulation rely on in-situ testing and computational		won 2 Second Prizes of the National Natural Science Award, and 1 First Prize and 1 Second Prize of the Ministry of Education Natural Science Award. His achievements were selected as one of the "Top Ten Advances in Chinese Science" in 2017 and the "13th Five-Year Plan" Scientific and Technological Innovation Achievement Exhibition. He has published over 350 SCI papers, including 4 papers in Nature and Science, with over 35,000 SCI citations; and holds over 80 authorized international and national invention patents.			

			simulation to resolve material structure evolution laws from the atomic scale, providing core support for advanced material design and property regulation.					
4	Materials Science and Engineerin g	Optoelectronic Materials and Devices	Flexible stretchable electronic devices; light-emitting diodes (LEDs).	1-2 persons, 2-2.5 years (with research tasks during the agreed postdoctoral tenure).	Tian Jianjun, National-level Leading Talent, Fellow of the Royal Society of Chemistry, Level-2 Professor, Doctoral Supervisor; current Vice Dean of the Institute for Advanced Materials and Technology at the University of Science and Technology Beijing, and Director of the Ministry of Education Engineering Research Center of Metallic and Electronic Information Materials. He mainly conducts research on novel optoelectronic semiconductor materials and devices, having published over 200 academic papers in journals such as *Science*, *Nat. Comm.*, and *Adv.*	1. Aged 35 or below. 2. Possess a related professional background in neurobiology, molecular biology, or pharmacology. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws,	1. Annual salary: RMB 210,000 (including national and local subsidies) 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					Mater., and holds over 20 authorized national invention patents. He has led over 30 research tasks, including Key Projects of the National Natural Science Foundation of China and National Key R&D Program projects. He has successively won science and technology awards such as the First Prize of the Beijing Technological Invention Award, the Second Prize of the Natural Science Award, and the China Patent Silver Award.	regulations, and institutional rules.		
5	Materials Science and Engineerin g	Postdoc for the Application of TEM in Materials Science	Atomic-level characterization and structure-activity relationships of energy materials and structural materials.	1-2 persons, 2.5 years	Prof. Lü Zhaoping, Academician of the Chinese Academy of Sciences, President of the University of Science and Technology Beijing. Doctoral Supervisor, "Changjiang Scholar" Distinguished Professor of the Ministry of Education, recipient of the National Science Fund for Distinguished Young Scholars. Director of the Intermetallic Compounds and Amorphous Alloys Branch of the Chinese	1. Aged 35 or below. 2. Possess a professional background in materials science and transmission electron microscopy. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English	Competitive compensation, negotiable on a case-by-case basis.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					Materials Research Society, Editor-in-Chief of *Intermetallic*. He has been engaged in the research of metal structural materials, he has made pioneering progress in alloy design, organizational regulation, and strengthening and toughening principles. His academic achievements include revealing new interaction mechanisms between coherent ordered microstructures and multi-scale crystal defects, proposing the academic concept of "low-misfit strong-ordering" strengthening and toughening, and developing various new ultra-high strength and toughness materials. As the first finisher, he won a Second Prize of the National Natural Science Award and a First Prize of the Ministry of Education Natural Science Award; his achievements were selected for the 13th Five-Year Plan Scientific and Technological Innovation Achievement Exhibition, the Top Ten	(listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		

					Advances in Chinese Science in 2017, and honored as one of the ten representative achievements of the 25th anniversary of the National Science Fund for Distinguished Young Scholars. He has published over 280 SCI papers, including 4 in *Nature* and *Science*, and 1 in *Nature Materials*, with over 30,000 SCI citations, and holds over 70 international and domestic invention patents.			
6	Materials Science and Engineering	Advanced Phase-Change Metals Research	1. Research Direction: Phase transition and mechanical behavior of metal materials, superelastic metals, solid-state elastocaloric cooling materials, high-performance titanium alloys. 2. Core Content: Develop high-performance phase-change metal materials based on the composition-process	1-2 persons, 2-2.5 years	Prof. Cong Daoyong, Doctoral Supervisor, Head of the Metal Functional Materials Group at the State Key Laboratory for Advanced Metals and Materials. Recipient of the National Science Fund for Distinguished Young Scholars, recipient of the National Excellent Young Scientists Fund, core member of the Ministry of Science and Technology's key area innovation team. He serves as an academic committee member of the International Conference	1. Aged 35 or below. 2. Possess a related professional background in materials science. 3. Have published at least 1 relevant research paper in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct	1. Annual salary: RMB 280,000 (including national and local subsidies) 2. A research start-up fund of RMB 100,000. 3. Provision of laboratory space and required equipment. 4. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

			-microstructure-property relationships.		on Ferromagnetic Shape Memory Alloys (ICFSMA), a member of the Rare Earth Magnetic Refrigeration Materials and Technology Professional Committee of China, an editorial board member of the international journal *Materials Research Letters*, and a review committee member of Metallurgical and Materials Transactions A. Awarded honors such as the German Humboldt Scholar. As the second finisher, he won the First Prize of the 2022 Ministry of Education Natural Science Award. He has published over 100 papers in academic journals such as *Nature Materials*, *Physical Review Letters*, *Materials Today*, and *Acta Materialia*, which have been cited over 3,000 times. Prof. Cong Daoyong's team is affiliated with the State Key Laboratory for Advanced Metals and Materials at the University of Science and Technology	scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		

					Beijing, primarily engaged in research on the phase transition and mechanical behavior of metal materials, superelastic metals, solid-state elastocaloric cooling materials, high-performance titanium alloys, etc.			
7	Materials Science and Engineering (Primary Discipline) / Materials Processing Engineering (Secondary Discipline)	New Technologies and Theories of Material Forming Research	1. Research Direction: Short-flow material preparation and processing, and artificial intelligence empowerment strategies. 2. Core Content: Focus on the preparation and processing of high-performance, hard-to-machine materials, explore artificial intelligence empowerment strategies, and develop new technologies and theories for short-flow material preparation and processing.	1-2 persons, 1-6 years, subject to the progress of the research project.	The supervisor is a Level-2 Professor at the University of Science and Technology Beijing, Doctoral Supervisor, selected for the National Major Talent Engineering program, an expert enjoying special government allowances from the State Council, and a National Outstanding Scientific and Technological Worker, who has published nearly 300 high-level academic papers, holds 135 authorized national invention patents and 2 software copyrights, with over 20 patented technologies transferred to enterprises. The supervisor won 1 Second Prize of the National Technological Invention Award and 2	1. Aged 35 or below. 2. Possess a related professional background in materials science and engineering, surface science and technology, or additive manufacturing. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently.	1. Annual salary: RMB 250,000 + N (research project funds distributed cumulatively). 2. A research start-up fund of RMB 100,000. 3. Provision of laboratory space and required equipment. 4. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					Second Prizes of the National Science and Technology Progress Award. The research team currently has 3 teachers, 1 postdoctoral fellow, and nearly 40 doctoral and master's students; possesses original or advanced material preparation and processing experimental equipment, and evaluation and characterization instruments; and undertakes multiple national, provincial, and ministerial, international cooperation, and enterprise-commissioned research projects, with sufficient experimental space and research funding to meet research needs.	5. Abide by Chinese laws, regulations, and institutional rules.		
8	Materials Science and Engineering (Primary Discipline) / Materials Science (Secondary Discipline)	High-Performance Aluminum/Magnesium Alloy R&D	1. Research Direction: A. Microstructure design, mechanical property regulation, and strengthening and toughening mechanisms of high-performance aluminum alloys. B. Strengthening	1-2 persons, 2-3 years	Prof. Li Hongxiang has been long engaged in the design and engineering application research of high-performance light alloy materials. The team undertakes multiple National Key R&D Programs, National Natural Science Foundation projects, and other	1. Aged 35 or below. 2. Possess a background in materials science and engineering, metallurgical engineering, or related fields. 3. Have published at least 3 relevant	1. Annual salary: RMB 210,000 (including national and local subsidies, negotiable based on qualifications) 2. Provide a research start-up fund of RMB 200,000. 3. Provision of an independent	Applicants must first send their resume, representative works (in PDF), and research plan to the supervisor's email at hxli@skl.ustb.edu.cn . After preliminary

			and plasticizing mechanisms and degradation mechanisms of high-performance biodegradable magnesium, aluminum or zinc alloys. 2. Core Content: A. Focus on Al-Si, Al-Cu, and other cast aluminum alloy systems, conducting research on microstructure regulation, mechanical and corrosion behavior, advanced preparation processes, and simulation modeling. B. Focus on medical and oil or gas extraction needs, conducting research on the alloying principles of biodegradable metals, and the synergetic regulation mechanisms of mechanics and		provincial and ministerial and enterprise horizontal projects, and possesses a comprehensive platform for material preparation, characterization, and performance testing.	research papers on aluminum or magnesium alloys in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	workstation and experimental conditions. 4. Assistance with visa, housing, and children's education.	screening, an interview will be arranged. And candidates who pass the assessment will process entry procedures according to the university's process.

			degradation.					
9	Materials Science and Engineering / Materials Science, Materials Physics, Materials Chemistry, Materials Processing Engineering	Basic Theoretical Science and Application Research on Material Service Safety	Engaged in research on material surfaces and interfaces and service behavior, material corrosion, hydrogen embrittlement and environmental fracture, cross-scale simulation calculation of material service, artificial intelligence-assisted material design and evaluation, and integrated process-microstructure-property of laser additive manufacturing alloys.	2-3 persons, 1-3 years determined by the progress of the research project.	Pang Xiaolu, Professor at the University of Science and Technology Beijing, Doctoral Supervisor, recipient of the "Ten Thousand Talents Program" Leading Talent in Scientific and Technological Innovation, recipient of the National Excellent Young Scientists Fund, selected for the Beijing Nova Program, and recipient of the Fok Ying-Tung Fund. Currently, he serves as the Director of the National Center for Materials Service Safety at the University of Science and Technology Beijing. He has presided over 27 projects, including National Major Projects, Joint Key Projects, and General Projects of the Natural Science Foundation, and enterprise projects. He has published over 200 SCI papers in journals in the field of metallic materials such as *Acta Materialia* and holds 38 authorized invention	1. Good moral character, good interpersonal communication skills, strong team collaboration spirit, and physically and mentally healthy. 2. Possess a Ph.D. degree awarded by well-known domestic or overseas universities or research institutes. Aged 35 or below. 3. Possess a related professional background in materials science, materials physics and chemistry, etc. 4. Have published at least 1 relevant research paper in SCI-indexed journals as the first author. 5. Good command of English (listening, speaking, reading, writing), and be able to conduct	1. On top of the university salary, the co-supervisor can provide additional matching funds. For personnel selected for the Postdoctoral Innovative Talent Support Program, university benefits are distributed cumulatively. 2. Payment of social insurance and housing provident fund. 3. Provision of postdoctoral apartments or transitional housing for those who meet the policies. 4. Resolution of children's enrollment in childcare and schooling for those who meet the policies. 5. Extra incentives are available for postdocs with exceptional achievements during the tenure.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					patents. He won the First Prize of the 2022 Metallurgical Science and Technology Award, the 16th China Youth Science and Technology Award, the First Prize of the 2021 Ministry of Education Natural Science Award, and the First Prize of the 2017 Chinese Society for Corrosion and Protection Science and Technology Progress Award.	scientific research independently.		
10	Business Administration (Primary Discipline) / Corporate Management (Secondary Discipline)	Motivational and Emotional Mechanisms in the Workplace Research	1. Research Direction: Incentive aftermath mechanisms and management strategies of organizational emotional capability on job insecurity. 2. Core Content: Elevate the concept of emotional intelligence to the organizational level, explore the impact mechanism of emotional management capability at the organizational level on individual	1-2 persons, 2-2.5 years (with research tasks during the agreed postdoctoral tenure).	Zhang Jian, female, Professor at the School of Economics and Management, Doctoral Supervisor. Currently, she serves as a director of the Beijing Psychological Society, etc. and a national visiting scholar at the University of Rochester in the United States. Her main research directions are work motivation and emotion, employee creativity, and consumer behavior. She has presided over 4 General Projects of the National Natural Science Foundation of China and multiple other national, provincial, and	1. Aged 35 or below. 2. Possess a related professional background in neurobiology, molecular biology, or pharmacology. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research	1. Annual salary: RMB 210,000 (including national and local subsidies) 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

			behavior and organizational performance, and formulate management strategies.		ministerial projects, published over 150 papers (three highly cited by ESI), authored 2 monographs, and edited 3 textbooks. She won the First Prize in the Monograph Category of the China University Press Book Award, the Grand Prize for University Educational and Teaching Achievements, etc. She teaches courses such as Human Resource Management and fully English-taught Organizational Behavior. She has served as the Head of the Department of Business Administration and the Person-in-Charge of the Business Administration Discipline. She has trained 19 Ph.D.s in Management and 196 Master's in Management. She won the University Excellent Award for Graduate Thesis Guidance (2018), the title of Outstanding Supervising Teacher of the International Student Center (2019), the 2024 "Rigorous Scholarship, Willing to be a Ladder"	independently. 5. Abide by Chinese laws, regulations, and institutional rules.		

					Pioneer, and Head of the Outstanding Graduate Guidance Team (2025).			
11	Management Science and Engineering	Mineral Carbon Removal Technology Policy Research	Micro-regulation mechanisms in improving the service behavior of structural materials	1-2 persons, 2-2.5 years	Prof. Xi Fengming has long been engaged in research related to climate change and low-carbon development, among which the research in mineral carbon removal has gained global attention and was nominated for the 2026 Eni Award. The research team includes a researcher, 2 associate professors, and 1 lecturer.	Aged 35 or below. Background in Mining Engineering, Environmental Engineering, or Management Science and Engineering. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. Good command of English (listening, speaking, reading, writing), and be able to conduct	Annual salary: RMB 210,000 (including national and local subsidies). Research start-up funding: RMB 100,000. Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.

						scientific research independently. Abide by Chinese laws, regulations, and institutional rules.		
12	Environmental Engineering	Postdoctoral Researcher	1. Carry out research and industrial applications of CCUS in the iron and steel industry. 2. Conduct scientific research related to other projects, and assist in supervising students to carry out CCUS research, assessment methodology, and other related research.	2 persons, 2 years	Professor Su Wei's team currently consists of 6 full-time teaching and research members, including 2 professors or PhD supervisors, 2 associate professors or master's supervisors, and 2 lecturers. Among them, there are 1 National Natural Science Foundation of China (NSFC) Class A Talent and 1 member of the Beijing Nova Program. The team has long been engaged in research and development of ultra-low emissions and CCUS technology in the iron and steel industry. In recent years, the team has undertaken more than 60 scientific research projects, including the Beijing-Tianjin-Hebei Region National Major Science and Technology	In addition to aligning with the basic requirements of the university, candidates should meet the following requirements: 1. Have obtained a Bachelor's degree or above in majors related to Environmental Science and Engineering. 2. Possess good scientific research ability and potential, good command of English (listening, speaking, reading, writing), those with work experience in CCUS research and industrial application in the iron and steel	Annual salary above RMB 150,000	Mailbox: yzheng@ustb.edu.cn

					Projects, the National Key Research and Development Program, the National Natural Science Foundation of China, and the Beijing Science and Technology Plan. It has published over 260 academic papers, applied for and been granted more than 70 patents, and won more than 20 national and provincial or ministerial-level scientific research awards, including the First Prize of the Environmental Protection Science and Technology Award, the First Prize of the Environmental Technology Progress Award, and the First Prize of the Beijing Science and Technology Award.	industry are preferred. 3. Possess good communication and collaboration skills, team spirit, and moral discipline.		
13	Mechanical Engineering (First-level Discipline) or Vehicle Engineering (Second-level Discipline)	Flying Vehicle Research	Research Direction: Research and design of flying vehicles; Core Contents: Overall design of flying vehicles. Research on the power system for flying vehicles. Advanced materials and lightweight	1-2 persons, 2-4 years, determined by the progress of the research project.	Liu Bo, Professor at University of Science and Technology Beijing (USTB), Executive Dean of the Low-Carbon Intelligent Institute of USTB, Leading Talent in Scientific and Technological Innovation of the National "Ten Thousand Talents	1. Aged 35 or below. 2. Possess relevant professional backgrounds in Aerospace Science and Technology, Automation, Computer Science, Artificial Intelligence, Flight	Annual salary: RMB 210,000-500,000 (including national and local subsidies). Research start-up funding: RMB 400,000. Provision of laboratory space and required equipment. Assistance with visa,	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment;

			design for flying vehicles. Research on embodied intelligence control system in flying vehicles. ⑤Prototype development and experimental research of flying vehicles.		Program", Expert enjoying Special Government Allowance of the State Council, National Outstanding Science and Technology Worker, and former Science and Technology Leader of China South Industries Group Corporation (CSGC). The primary research directions of the team include lightweighting and flying vehicles. Currently, there is 1 professor, 3 associate professors, 2 lecturers, 1 postdoctoral fellow, and more than 20 doctoral and master's candidates.	Control, Mechanical Engineering, Mechanics, etc. 3. Have published at least 3 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	housing, and children's education.	Candidates who pass the assessment will be recommended to the university for approval.
14	Mechanical Engineerin g (First-level Discipline) or Vehicle Engineerin g (Second-lev el Discipline)	Structural Optimization Research	Research Direction: Lightweight design and optimization of low-carbon new energy vehicles Core Contents: ①Conduct research on the lightweight design and optimization of new energy vehicles or flying vehicles. ②Integration of AI	1-2 persons, 2-4 years subject to the progress of the research project.	Liu Bo, Professor at the University of Science and Technology Beijing (USTB), Executive Dean of the Low-Carbon Intelligent Institute of USTB, Leading Talent in Scientific and Technological Innovation of the National "Ten Thousand Talents Program", Expert enjoying the Special Government	1. Aged 35 or below. 2. Possess relevant professional backgrounds in Mechanical Engineering, Vehicle Engineering, Mechanics, etc. 3. Have published at least 3 relevant research papers	Annual salary: RMB 210,000-500,000 (including national and local subsidies). Research start-up funding: RMB 400,000. Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the

			and structural optimization		Allowance of the State Council, National Outstanding Science and Technology Worker, and former Science and Technology Leader of China South Industries Group Corporation (CSGC). The primary research directions of the team are lightweighting and flying vehicles. Currently, there are 1 professor, 3 associate professors, 2 lecturers, 1 postdoctoral fellow, and more than 20 doctoral and master's candidates.	in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		assessment will be recommended to the university for approval.
15	Mechanical Engineering (First-level Discipline) or Bioengineering or Biomechanics or Biophysics or Microbiology (Second-level Discipline)	Bacterial Biofilm Antimicrobial Resistance Research	Research Directions: Molecular mechanisms of bacterial antimicrobial resistance. Mechanisms of bacterial resistance and intervention strategies in bacterial biofilms. Intervention, diagnosis, and treatment measures for major diseases caused by antimicrobial	1-2 persons, 2-2.5 years (with research tasks during the agreed postdoctoral tenure).	Wang Xiaoling: Professor and PhD Supervisor at the School of Mechanical Engineering, University of Science and Technology Beijing (USTB), Visiting Scholar at the laboratory of Academician Davie A. Weitz at the School of Engineering and Applied Sciences (SEAS), Harvard University, USA. She graduated with a PhD from the Hong Kong University of Science and Technology in 2006. She is also the leader of the Bacterial	1. Aged 35 or below. 2. Possess relevant professional backgrounds in Neurobiology, Molecular Biology, Pharmacology, etc. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening,	Annual salary: RMB 210,000 (including national and local subsidies). Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.

			resistance resulting from bacterial biofilms.		Biofilm Research Group at USTB, and Head of the Biomedical Science and Technology Service Team of the Beijing Association for Science and Technology. She has presided over multiple National Natural Science Foundation of China (NSFC) projects, longitudinal projects, including the Beijing Young Elite Teacher Project and the "Science and Technology Museum City" of the Beijing Association for Science and Technology. Her main research directions are biological phase transitions, biomechanics, bacterial phase transition mechanics, bacterial biofilm growth kinetics, microfluidic technology, and their industrial applications in biomedicine, cosmetics, etc. She has possessed several technical patents related to biology and microfluidics. She has published dozens of academic papers in top international journals,	speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		

					including *Advances in Mechanics* (cover article), *Physics of Life Reviews*, *Journal of Basic Microbiology* (cover article), *Soft Matter*, *Colloids and Surfaces B: Biointerfaces*, etc.			
16	Computer Science and Technology	Big Data Intelligent Analysis	Big data analysis. Artificial intelligence. Network and information security	1-2 persons, 2-2.5 years, (with research tasks during the agreed postdoctoral tenure).	Wang Weiping, PhD, Professor and PhD Supervisor at the University of Science and Technology Beijing. Her research directions are multi-modal data analysis, network information security, large models, and research on application technology of agents.	Aged 35 or below. Relevant professional backgrounds in Computer Science and Technology, Statistical Learning, Machine Learning, Network and Information Security, etc. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. Abide by Chinese laws, regulations, and institutional	Annual salary: RMB 210,000 (including national and local subsidies). Research start-up funding: RMB 100,000. Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.

						rules. 6. Possessproject experience in large software, database development and relevant fields.		
17	Computer Science and Technology	Polarimetric SAR Image Processing and Earth Observation Applications	Research Direction: Application theory of Polarimetric SAR	1-2 persons, 2-2.5 years, (with research tasks during the agreed postdoctoral tenure).	Dr. Yin Junjun, Professor and PhD Supervisor at the University of Science and Technology Beijing. Her research directions are the basic theory of polarimetric radar applications, Polarimetric Synthetic Aperture Radar (SAR) image understanding, compact polarimetry SAR target interpretation, marine ecological remote sensing, and ecological environment change monitoring, etc.	Aged 35 or below. 2. Possess relevant professional backgrounds in Information and Communication Engineering, Communication and Information Systems, Statistical Learning, Machine Learning, etc. 3. Have published at least 4 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and	Annual salary: RMB 210,000 (including national and local subsidies). Research start-up funding: RMB 100,000. Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.

						institutional rules.		
18	Computer Science and Technology	Technology Application of Aerospace Trusted Data Space Intelligence	Research Directions: Aerospace big data and multi-modal large models	1-2 persons, 2-2.5 years, (with research tasks during the agreed postdoctoral tenure).	Dr. Shi Zhiguo, Professor and PhD Supervisor at the University of Science and Technology Beijing. His research directions are scenario-based application technology of aerospace trusted data space, large models, and research on application technology of agents.	1. Aged 35 or below. Possess relevant professional backgrounds in Computer Science, Big Data Management, etc. 2. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 3. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 4. Abide by Chinese laws, regulations, and institutional rules.	Annual salary: RMB 210,000 (including national and local subsidies). Research start-up funding: RMB 100,000. Provision of laboratory space and required equipment. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.
19	Computer Science and Technology	Distributed Training and Inference of Large Models for Edge Intelligence	Research Directions: Federated fine-tuning methods of large models for edge intelligence. Inference theory and key technologies of large models for	1-2 persons, 2-2.5 years, (with research tasks during the agreed postdoctoral tenure).	Dr. Wang Rui, Professor and PhD Supervisor at the University of Science and Technology Beijing. His research directions are edge intelligence in Internet of Things (IoT), lightweight training and	1. Aged 35 or below. Possess relevant professional backgrounds in Computer Science, Internet of Things (IoT) Technology,	Annual salary: RMB 210,000 (including national and local subsidies). Research start-up funding: RMB 100,000. 3. Provision of	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a

			edge intelligence.		inference of large models, and information fusion technology.	etc. 2. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 3. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 4. Abide by Chinese laws, regulations, and institutional rules.	laboratory space and required equipment. 4. Assistance with visa, housing, and children's education.	qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university for approval.
20	Computer Science and Technology	Artificial Intelligence	1. Computer Vision. 2. Large Models. 3. Embodied Intelligence. 4. Brain-Computer Interface (BCI)	1-2 persons, 2-2.5 years, (with research tasks during the agreed postdoctoral tenure).	Dr. Liu Baolin, Professor and PhD Supervisor at the University of Science and Technology Beijing. His research directions are machine learning and pattern recognition, large models, embodied intelligence, affective computing, cognitive computing, and brain-computer interface.	1. Aged 35 or below. 2. Relevant professional backgrounds in Computer Science and Technology, Statistical Learning, Machine Learning, etc. 3. Have published at least 4 relevant research papers in SCI-indexed journals as the first author.	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Research start-up funding: RMB 100,000. 3. Provision of labora tory space and requir ed equipment. 4. Assistance with vi sa, housing, and chil dren's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment; Candidates who pass the assessment will be recommended to the university

						4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.		for approval.
21	Computer Science and Technology	Artificial Intelligence Position	1. Artificial intelligence. 2. Large language models. 3. Big data analytics.	1–2 persons, 2–2.5 years (with research tasks during the agreed postdoctoral tenure).	Dr. Luo Xiong, Professor and doctoral supervisor at the University of Science and Technology Beijing. Research areas: machine learning & data mining, large models.	1. Aged 35 or below. 2. Background in computer science, statistical learning, machine learning, or related field; 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws,	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

						regulations, and institutional rules.		
22	Computer Science and Technology	Artificial Intelligence Position	1. Industrial machine vision. 2. Industrial intelligent decision-making.	1–2 persons; 2–2.5 years (with research tasks during the agreed postdoctoral tenure).	Dr. Wang Hongbing, Professor and doctoral supervisor at the University of Science and Technology Beijing. Research areas: industrial machine vision and industrial intelligent decision-making.	1. Aged 35 or below. 2. Background in computer science, statistical learning, machine learning, or related field. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.
23	Computer Science and Technology	Artificial Intelligence Position	1. Machine vision. 2. Multimodal large models. 3. Embodied intelligence. 4. Intelligent agent systems.	1–2 persons; 2–2.5 years (with research tasks during the agreed postdoctoral tenure).	Dr. Zhang Taohong, Professor and doctoral supervisor, University of Science and Technology Beijing. Research areas: machine vision, embodied intelligence, and intelligent agent systems.	1. Aged 35 or below. 2. Background in computer science, embedded systems, machine learning, or related field. 3. Have published	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa,	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a

						at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	housing, and children's education.	qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.
24	Computer Science and Technology	Artificial Intelligence Position	1. Multimodal data analysis. 2. Affective computing. 3. Aerospace data analysis. 4. Knowledge graphs and intelligent agent applications.	1–2 persons; 2–2.5 years (with research tasks during the agreed postdoctoral tenure).	Dr. Zhi Ruicong, Professor and doctoral supervisor at the University of Science and Technology Beijing. Research areas: multimodal complex scene understanding, human-machine-object intelligent integration, intelligent agent applications.	1. Aged 35 or below. 2. Background in computer science, statistical learning, machine learning, or related field. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

						able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules; equipped with good software development skills.		
25	Control Science and Engineerin g / Instrument Science and Technology	Full-time Postdoctoral Researcher	Control theory & engineering, detection technology & automation devices, pattern recognition & intelligent systems, testing & measurement technology, precision instruments & machinery, industrial intelligence, industrial spectral imaging, industrial internet, and other frontier areas.	Planned intake: 4–5 persons (3–4 in Control S&E, 1–2 in Instrument S&T, ; adjustable according to team requirements). Training period: 2 years (excellent candidates may extend the period up to 3 years).	The school has over 30 professors, including 2 national "Ten-Thousand Talents" S&T Innovation Leaders, 1 National Excellent Young Scientists Fund recipient, 3 Beijing Teaching Masters, 2 recipients of the Baosteel Excellent Teacher Award, 1 Fellow of the Chinese Association for Artificial Intelligence, 4 State Council Special Allowance experts, 3 MOE New Century Talents, and1 recipient of the CAST Young Elite Scientist Sponsorship Program.	1. Have obtained Ph.D. within the past 3 years, aged 35 or below. Outstanding candidates considered individually. 2. Research direction should match the disciplines of the station. Candidates should be able to carry out independent research. Holders of high-quality publications/patent s preferred. 3. Abide by academic norms; in good physical and mental health conditions; able to	1. Salary: No less than RMB 210,000 per year, consisting of school base and supervisor supplement. 2. Accommodation: Postdoctoral dormitory or transitional apartment. 3. Benefits: Fully-paid social insurance and housing fund; employee benefits (health check, holiday, etc.). 4. Support to apply for NSFC, Postdoctoral Science Fund, etc.; sufficient research funding. 5. Outstanding postdocs may be recommended to stay as faculty or transfer to research institutes.	1. Prior communication: Contact intended supervisor in advance to confirm the research theme and hiring quota. 2. Material submission: Submit CV (education, research output, project experience), Ph.D. certificate, transcripts,title page of the degree thesis, patent/award certificates to: saee@ustb.edu.cn Subject should include "Application for

						engage in full-time postdoctoral research. 4. Good command of English; proficiency in reading foreign literature and writing academic papers.		Postdoc + Name + Research Direction"
26	Mining Engineering	Research Position on Key Technologies for Green and Low-Carbon Utilization and Disposal of Mining Solid Waste	1. Research direction: Green low-carbon utilization and disposal of mining solid waste 2. Core content: Mining solid waste disposal; underground space utilization in goaf areas; CO_2 capture, utilization and storage	1. Research direction: Green low-carbon utilization and disposal of mining solid waste. 2. Core content: Mining solid waste disposal; underground space utilization in goaf areas; CO_2 capture, utilization and storage.	Miao Shengjun, Professor and Doctoral Supervisor. He is a recipient of the National "Ten Thousand Talents Program" Leading Talent, Beijing Youth Talent, USTB Leading Scholar, and Baosteel Excellent Teacher of China. He currently serves as Dean of the School of Resource and Safety Engineering, and Director of the Key Laboratory of Ministry of Education for Efficient Mining and Safety of Metal Mines. He is the Executive Editor-in-Chief of Green and Smart Mining Engineering, a journal indexed in the China's Excellent Journals Program. He also serves as a Council Member and	1. Aged 35 or below. 2. Academic background in Neurobiology, molecular biology or pharmacology and other related majors. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws,	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					Director of the Education Committee of the Chinese Society for Rock Mechanics and Engineering (CSRME), Deputy Director of the Key Laboratory of Ministry of Emergency Management for Disaster Prevention of Metal and Non-metal Underground Mines, Council Member of the China Coal Society, Council Member of the China Mining Intellectual Property Alliance, and Member of the Council of the China Mine Safety Society, among other positions. Prof. Miao received his Ph.D. degree in Geotechnical Engineering from the University of Science and Technology Beijing in 2006, and joined the faculty of the University of Science and Technology Beijing in the same year. He has previously served as Deputy Secretary and Secretary of the Party Branch, and Head of the Department of Civil	regulations, and institutional rules.		

					Engineering; Deputy Dean of the Institute of Science and Technology; Secretary of the Party Committee of the School of Civil and Resource Engineering; Dean of the School of Advanced Engineering; and Dean of the School of Civil and Resource Engineering. He has conducted academic exchanges and collaborative research as a visiting scholar at the University of Minnesota (USA), the University of Melbourne (Australia), and the University of New South Wales (Australia). Research Focus Prof. Miao is primarily engaged in fundamental theories and experimental studies in the fields of geotechnical mechanics and disaster prevention in mining engineering. He has achieved a series of innovative results in areas such as intelligent and large-scale efficient mining technologies, green and low-carbon utilization and disposal of solid waste, as			

					well as the incubation mechanisms, dynamic monitoring, and prediction of geotechnical disasters. In the past five years, he has led one Key Project of the National Natural Science Foundation of China (NSFC), two General Projects of NSFC, one Key Basic Research Project of JKW, one "973" Program project, two subjects of the National Key R&D Program of China, and over 20 industry-commissioned projects. He has received one Special Prize, six First Prizes, six Second Prizes, and one Innovation Team Award at provincial or ministerial level. He has played a key role in the reorganization of two State Key Laboratories, and in the successful application for three national-level and five provincial or ministerial-level research platforms. He has published over 110 academic papers in top-tier journals such as the *International Journal of Rock Mechanics and*			

					Mining Sciences, *Rock Mechanics and Rock Engineering*, and the *Chinese Journal of Rock Mechanics and Engineering*, of which more than 70 are indexed by SCI or EI. He is the lead author of 7 monographs and 3 textbooks, and holds over 60 authorized invention patents and software copyrights. Research Team Prof. Miao is the head of the "Deep Rock Mechanics and Mining-Induced Disaster Prevention" team at the University of Science and Technology Beijing. The team, which currently consists of 16 members, is recognized as a Beijing Outstanding Teaching Team. Originally led by Academician Cai Meifeng, the team has long been dedicated to theoretical and technological research in mining rock mechanics, deep and ultra-deep coupled shaft-surface high-efficiency mining,			

					dynamic monitoring, early warning and prevention of mining disasters, and high-precision in-situ stress measurement and inversion under complex conditions. The team has completed over 70 major research projects, including National Key R&D Programs, NSFC Key and General Projects, "863" Program, "973" Program, National Defense "973" Program, National Science and Technology Support Program, and provincial or ministerial projects. Their achievements include five Second Prizes and one Third Prize of the National Prize for Progress in Science and Technology, one Third Prize of the National Prize for Technological Invention, and over 60 provincial/ministerial science and technology awards. The team serves as the host unit of the Education Committee of the International Society for Rock Mechanics (ISRM)			

					and the Education Committee of the CSRME. It places strong emphasis on nurturing young researchers. Many team members have received prestigious honors, including the National Youth Talent (awarded under the Ten Thousand Talents Program), the NSFC Excellent Young Scientist Fund (overseas), Hong Kong Scholars, Beijing Outstanding Youth, the Young Elite Scientist Sponsorship Program by CAST, Beijing Youth Talent Program, and Outstanding Doctoral Dissertation Awards from various societies and associations. All team members under the age of 35 have successfully obtained NSFC funding (General or Youth projects) and have at least 12 months of overseas visiting experience.			
27	Civil Engineerin g	Postdoctoral Researcher	1. Fiber-reinforced composite materials (FRP). 2. High-performance	1–2 persons; 2–2.5 years (with research tasks during the agreed	Professor Liu Yue and his research team, based at the School of Future Cities and the Institute of Urbanization and Urban	The candidate should possess: 1. Ph.D. degree from overseas institutions; 2.	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of	Contact: yueliu@ustb.edu.cn

			organic fibers and composite materials.	postdoctoral tenure).	Safety of the University of Science and Technology Beijing, address major national strategic needs in new-type urbanization, transportation power, and urban safety. The team has long been engaged in systematic research on high-performance fiber-reinforced polymer (FRP) composites and their applications in civil engineering structures. Focusing on a multi-scale synergy spanning "material – component – structure – system", the team aims to promote the engineering application of novel materials and structures in bridges, tunnels, slopes, underground engineering, and major infrastructure.	Over 20 SCI publications.	laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	
28	Civil Engineerin g	Senior Engineering Materials & Structures, Engineering Diagnosis & O&M and Urban Safety & Disaster Prevention Research	High-performance fiber-reinforced composites (FRPs) and structures; lightweight structures and equipment; high-performance metallic materials and structures; extreme	5–10 persons; 2–6 years (subject to the progress of the research project).	Yue Qingrui is an Academician of the Chinese Academy of Engineering and a distinguished expert in engineering structures. He is the President of the Institute of Urbanization and Urban Safety at the University of Science and Technology Beijing, and	1. The applicant shall possessa strong sense of responsibility, professional dedication, and commitment to service. The applicant shall be physically and mentally healthy,	1. On top of the university salary, the co-supervisor can provide additional matching funds with no upper limit. Benefits for personnel selected for talent projects/plans are distributed cumulatively.	1. Send CV to: iuus@ustb.edu.cn Subject: "Application for USTB Postdoc + Name + Institution" 2. Or visit the website http://rczp.ustb.ed u.cn , search for

		Researcher.	environment and extraterrestrial construction; green high-performance concrete; intelligent structural diagnosis; safety monitoring of engineering structures in service; engineering life extension and performance enhancement; theory of "hazard source – hazard-bearing body – disaster reduction force" for urban safety; integrated space-air-ground urban safety risk monitoring and early warning; resilient cities and smart emergency response.		part-time Vice President of the China Association for Disaster Prevention. He has long been an expert consultant for national programs in social development, new materials, and science and technology platforms under the Ministry of Science and Technology of China. His primary research focuses on engineering diagnosis, high-performance fiber-reinforced composites, urban safety, and steel structures and construction industrialization. His work spans theoretical research, technological development, standard formulation, engineering application, and industrialization, yielding a series of innovative achievements. He has led over 20 national-level R&D projects, published more than 200 papers, and chaired the compilation of over 30 national and industrial standards. He is	upright in conduct, observe all applicable laws and regulations, and have no record of misconduct. 2. Candidates should, in principle, hold a doctoral degree. Eligible applicants include doctoral graduates, postdoctoral fellows who have completed their term, overseas returnees, or personnel transferring from within Beijing, with an age limit of below 35. Applicants holding senior professional and technical titles may have the age requirement appropriately relaxed. Those meeting the criteria for high-level talent introduction at the university shall be considered in accordance with	2. During the term of appointment, postdoctoral researchers can participate in the evaluation and appointment of professional and technical titles. Those with outstanding academic achievements may be offered a faculty position upon completion of their appointment. 3. Social insurance matters shall be handled in accordance with relevant national policies. The university will assist eligible personnel with the enrollment of their children in kindergarten and school. 4. Other matters are subject to face-to-face negotiation.	"Urbanization and Urban Safety Research Institute" (城镇化与城市安全研究院), and select "Professional Direction" (专业方向) to fill out the Applying Position.

					a three-time recipient of the Second Prize of the National Science and Technology Progress Award. Established in November 2020 and affiliated with the School of Future Cities, the University of Science and Technology Beijing, the IUS aims to address the demands of China's new-type urbanization. The institute is dedicated to building a world-class platform for scientific innovation, with core research areas including advanced engineering materials and structures, urban safety and disaster prevention, and engineering diagnosis and maintenance.	relevant university policies. 3. The applicant shall have research experience in areas related to advanced engineering materials and structures, engineering diagnosis, maintenance and operation, as well as urban safety, disaster prevention and mitigation.		
29	Information and Communic ation Engineerin g	1. Low-Carbon Computing–Po wer Coordination for Computing Networks. 2. Data Intelligence for Medical Engineering & Intelligent	1. Computing power networks. 2. Large model applications. 3. Data intelligence application technology.	1–2 persons; 2–2.5 years (with research tasks during the agreed postdoctoral tenure).	Dr. Peng Yunfeng, Professor and doctoral supervisor at the University of Science and Technology Beijing. Research direction: computing power networks and data intelligence application technology.	1. Proficiency in Chinese (listening/speaking /reading/writing). 2. Strong interpersonal communication skills and team spirit. 3. Aged under 35; academic	1. Annual salary: RMB 210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment.

		Manufacturing .				background in information & communication engineering, computer science, applied mathematics, or systems engineering (operations research & control, mathematical modeling, game theory). 4. Strong logical perception, able to quickly grasp technical presentations in unfamiliar, new research fields; ability of expressing ideas accurately and fluently; competence in rapidly gathering and synthesizing literature and materials; academic writing skills; strong execution capability.		Candidates who pass the assessment will be recommended to the university for approval.
30	Information	Intelligent	1. Research	1–2 persons;	Zhang Haijun is a recipient	1. Aged 35 or	1. Annual salary: RMB	Applicants should

	and Communication Engineering (L1) / Communication and Information Systems (L2)	Communication Network Research Position	direction: Intelligent 6G, air-space-ground network, AI. 2. Core content: 6G mobile communication, communication-sensing-computing-storage integration, air-space-ground integrated networks, intelligent wireless communication, semantic communication, digital twin network.	2–2.5 years (with research tasks during the agreed postdoctoral tenure).	of the National Science Fund for Distinguished Young Scholars, an IEEE Fellow, Dean, Professor, and Doctoral Supervisor of the School of Intelligence Science and Technology at the University of Science and Technology Beijing. He is also a Fellow of the Asia-Pacific Artificial Intelligence Association (AAIA), a Fellow of the China Institute of Communications (CIC), Director of the Beijing Key Laboratory of Intelligent and Communications Convergence, Director of the Hebei Key Laboratory of Space-Air-Ground Intelligent Communications, and a Board Member of both the Chinese Institute of Electronics (CIE) and the China Institute of Communications (CIC). He has served as Principal Investigator for projects including the National Key Research and Development Program of China and the National Science Fund for Distinguished Young Scholars. His research	below. 2. Academic background in communication engineering, computer science and technology, AI and other related majors. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	210,000 (including national and local subsidies). 2. Provision of laboratory space and required equipment. 3. Assistance with visa, housing, and children's education.	first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					focuses on intelligent 6G, space-air-ground integrated networks, and related fields. He has published over 160 first- and second-quartile (Q1/Q2) SCI papers in IEEE leading journals, with over 18,000 citations according to Google Scholar. Among his many honors are the First Prize of the Technical Invention Award of the Chinese Institute of Electronics (2025, ranked first), the First Prize of the Natural Science Award of the China Institute of Communications (2021, ranked first), the China Youth Science and Technology Award, the IEEE Communications Society Distinguished Lecturer (2022–2023), Clarivate Highly Cited Researcher (2019–2022), Elsevier China Highly Cited Scholar (2020–2023), the IEEE ComSoc Asia–Pacific Outstanding Young Researcher Award (2019), the Youth Science and Technology Award of the China Institute of			

					Communications (2018), and the Mao Yisheng Beijing Youth Science and Technology Award (2024). Team Profile: The Intelligent Communications and Future Networks team focuses on technologies and research in intelligent communication networks for specific scenarios. The team is based on the two key laboratories it leads: the Beijing Key Laboratory of Intelligent and Communications Convergence and the Hebei Key Laboratory of Space-Air-Ground Intelligent Communications. The team consists of over ten researchers, including professors and associate professors. Its primary research areas include key theories and technologies in intelligent 6G, intelligent networks, space-air-ground intelligent communications, satellite communication networking, and unmanned			

					aerial vehicle (UAV) networks.			
31	Metallurgical Engineering / Metallurgical Physical Chemistry	Postdoctoral Researcher	1. Lithium/sodium-ion battery material design and preparation. 2. Rare earth luminescent material design and regulation. 3. Nano functional material design and synthesis. 4. Energy conversion and storage material recycling and utilization.	2–3 persons, 2 years	Professor Zhuang Weidong is a Doctoral Supervisor and a recipient of the National "Ten Thousand Talents Program" Leading Scientist in Science and Technology Innovation. He serves as the Director of the Beijing Key Laboratory of Green Recovery and Extraction of Rare and Precious Metals. He is an editorial board member of *Rare Metals*, *International Journal of Minerals, Metallurgy and Materials*, and the *Chinese Journal of Rare Earths* (both Chinese and English editions). He also holds the position of Deputy Director of the Luminescence Committee of the Chinese Society of Rare Earths, a committee member of the Luminescence Branch of the Chinese Physical Society, and a committee member of the Molten Salt Committee of the Chinese Society for Metals, among others. Prof. Zhuang has	1. Aged 35 or below. 2. Academic background in energy conversion and storage materials, and their recycling and reuse. 3. Have published at least 2 relevant research papers in SCI-indexed journals as the first author. 4. Good command of English (listening, speaking, reading, writing), and be able to conduct scientific research independently. 5. Abide by Chinese laws, regulations, and institutional rules.	1. Annual salary: RMB 210,000. 2. An additional living allowance of RMB 100,000 per person per year (for up to two years) will be provided to postdoctoral fellows who are non-Chinese nationals or from Hong Kong, Macao, or Taiwan, and who hold a doctoral degree in science, engineering, agriculture, or medicine from a globally top 100 university.. 3. Provision of laboratory space and required equipment. 4. Assistance with visa, housing, and children’s education.	Applicants should first communicate with the intended supervisor. Upon the supervisor's approval, the college will conduct a qualification review and entry assessment. Candidates who pass the assessment will be recommended to the university for approval.

					undertaken more than 20 major research projects, including those under the National High-Tech R&D Program (863 Program) and the National Basic Research Program (973 Program). He has received four first prizes and three second prizes of provincial/ministerial-level science and technology awards. He has published over 200 SCI-indexed papers (with a single paper receiving over 1,000 citations), and holds more than 100 patents in China and abroad, some of which have been applied in practice. Notably, his research achievements in high-nickel cathode materials and rare-earth luminescent materials have been successfully industrialized, generating significant economic and social benefits. Team Profile: Driven by the national strategic needs of the "Dual Carbon" goals (carbon peak and carbon neutrality), Prof. Zhuang's			

					team focuses on advancing cutting-edge research directions such as new energy materials, novel materials, and comprehensive utilization of strategic resources. The team's research areas include energy materials and their recycling, as well as rare-earth functional materials and their recycling. The team has established strong collaborative relationships with leading research groups, institutes, industrial organizations, and technology enterprises both domestically and internationally, creating favorable conditions for the integrated development of industry–academia–research collaboration.			