

NCS-Based KAIST Job Description

– Fixed-term (Postdoctoral Researcher)

Recruitment area	Postdoctoral Researcher	Classification	Parent category	Sub-category	Sub sub-category	Sub sub-sub-category
			Category : Physics Sub-category : Theoretical Particle Physics and/or Cosmology			
Mission	<ul style="list-style-type: none"> ○ Korea Advanced Institute of Science and Technology (KAIST) Act <ul style="list-style-type: none"> - Educating outstanding talent proficient in theory and practice as required in the fields of science and technology for industrial development - Carrying out the nation's mid- and long-term R&D, and basic and applied research to foster national competitiveness in science and technology - Providing comprehensive support to research conducted by other research centers and industries 					
KAIST's major businesses	<ul style="list-style-type: none"> ○ Education: Fostering creative talent, strengthening convergence education, nurturing global leaders in science and technology, strengthening human resource capacity ○ Research: Support for development of outstanding research projects, acquisition of specialized researchers, advancement of entrepreneurial culture, creation of high value-added intellectual property rights, promotion of technology transfer/commercialization, and development of large-scale, leading projects ○ Cooperation: Creating a working environment to be at par with global standards, and multifaceted cooperation for global leadership ○ Administration: Provision of administrative and technical service for international students/faculty (Support for operation of a "Korean-English bilingual campus") 					
Growth engines	<ul style="list-style-type: none"> ○ Vision: Global Value-Creative World-Leading University <ul style="list-style-type: none"> - Hub for Fostering Knowledge Creation and Global Convergence Talents - Center for the World-Leading New Knowledge and Technology) ○ Five innovation initiatives: Innovation in education, research, technology commercialization, globalization and future strategies ○ 3C Leadership: Change, Communication, Care 					
Duties and responsibilities	<ul style="list-style-type: none"> ○ Research ○ Educational support 					
Job performance details	<ul style="list-style-type: none"> ○ To research particle physics and/or cosmology with the KAIST Particle Theory Group (Prof. Hye-Sung Lee's group) members ○ Group activity at the KAIST Particle Theory Group (seminars, discussions, etc.) 					
Knowledge required	<ul style="list-style-type: none"> ○ Ph.D. degree in particle physics or cosmology ○ English proficiency 					
Required skills	<ul style="list-style-type: none"> ○ Basic computational skills in particle physics or cosmology ○ Basic computer skills to write papers 					
Attitude while performing duties	<ul style="list-style-type: none"> ○ Attitude for an analytical thinking and objective views ○ Attitude for active collaboration 					
Basic skills	<ul style="list-style-type: none"> ○ Problem solving ability ○ Ability to use mathematical methods 					
References	www.ncs.go.kr , www.kaist.ac.kr					