

## Job Description

<b>Workplace</b>	CTPU(Daejeon)	<b>Job category (level)</b>	Research(Senior Researcher)	<b>Area of hiring</b>	Research
<b>Work duties</b>	Research on Particle Physics, Cosmology				
<b>Main business of IBS</b>	Institute for Basic Science (IBS) is a national research institute established in accordance with Article 14 of the Special Act on Establishment of and Support for International Science and Business Belts. IBS aims to discover creative knowledge and secure original technologies through world-class basic science research.				
<b>Research area of the Center</b>	theoretical high energy physics and cosmology, including physics beyond the Standard Model, collider phenomenology, dark matter, early Universe cosmology, large scale structure of the Universe, string compactifications and their phenomenological consequences				
<b>Duties and responsibilities</b>	Collaboration with other center members as well as solitary particle physics and cosmology research projects. The researcher will oversee a few small research teams in the area and aid in educating Korea's cosmology and particle physics students.				
<b>Knowledge required</b>	The candidate should have several years of research experience in physics beyond the standard model, astroparticle physics, cosmology, or related fields after receiving their Ph.D.				
<b>Competencies required</b>	The candidate can write and publish a scientific paper and lead a research project.				
<b>Attitude required</b>	Communication through cooperation Creative work attitude for research in various fields of physics				
<b>Basic skills required</b>	Communication, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics				
<b>Qualification</b>	-Degree : Applicants must have a Ph.D. in Theoretical High Energy Physics, with particular emphasis on computational physics -Preferences : publications in international journals or well-known international conferences				
<b>Screening</b>	Stage 1: Document screening → Stage 2: Interview				

- This job description states major work duties of the hiring area. Work duties that are not stated here may need to be performed.