

Contents of Journal Advertisement



“Founded in November 2011 by Korea Government, the Institute for Basic Science (IBS) supports basic research within the entire range of natural sciences including physics, biology, chemistry, mathematics, earth science, and astronomy by providing highly advanced, supportive, self-direct research environments”

IBS invites applicants for the position of Associate Director who are senior-level researchers with high research potentials, and are able to run his or her own research group in collaboration with the director of the Research Center.

1. Introduction of the research center

- Center for Relativistic Laser Science (CoReLS), directed by Prof. Chang Hee Nam, is one of the research centers established at Gwangju Institute of Science and Technology (GIST) by Institute for Basic Science as an IBS campus center. CoReLS explores relativistic laser-matter interactions using the PW laser facility at GIST. Two PW laser beamlines with outputs of 1 PW and 1.5 PW at 30 fs are currently operational, while the latter beamline is being upgraded to 4 PW. Major research topics pursued with the PW lasers include laser-driven particle acceleration of electrons and protons/ions, the physics and applications of Compton backscattering between electrons and photons, and laboratory astrophysics. In addition the attosecond science group works on ultrafast atomic and molecular dynamics, ultrafast phenomena in nanostructures and single-shot temporal characterization of optical waveforms.

2. Job description

- An associate director plays an important role in achieving the goals of the research center by working closely with the director as well as directing his or her own research group within the center. The specific field of research solicited for the associate director is experimental plasma physics in the areas of (i) superintense laser-matter interactions in high density materials, (ii) laboratory astrophysics, and (iii) laser nuclear physics.
- Applicants should have a strong record of scholarly achievement at the national and international level, a significant record of securing external funding for interdisciplinary-based research and evidence of leadership ability in his/her research field.
- The candidates must have experience managing a large research program and staff within an academic institution (or equivalent agency responsible for research) and be able to articulate a strong vision to further the research and outreach programs in IBS.
- The successful candidates should be able to acquire a faculty position at GIST.

3. Requirements for the position

- All candidates must be able to commit completely to IBS research activities in a long-term.

- All candidates must be able to manage their respective research group.
- The candidate should be recognized as one of leaders in the international community of his or her research field.
- The candidate of associate director must be fluent enough with the relevant scientific and policy issues to be a highly credible representative of the Center among audiences ranging from the general public to the uppermost levels of scientists and policymakers. The position calls for vision, breadth, and good judgment; proven intellectual leadership skills; a keen sense of public policy, as well as demonstrated financial and staff management experience.

4. Offer

- Authority to run his/her own research team.
- Dual appointment as an associate director at IBS and a faculty at GIST.
- Very competitive salary

5. General Selection Procedure

- ① Recruitment of applicants by public advertisement
- ② Selection of candidates for in-depth evaluation
- ③ Symposium and in-depth interview by review panel
- ④ Decision by the SEC (Selection & Evaluation Committee) about recommendation
- ⑤ Negotiation with director
- ⑥ Appointment by the president

6. Application Submission

- Please fill out the 'Application Form' in English and email it as a single PDF file to adapply@ibs.re.kr no later than May 30th, 2016.
- E-mail title should include '**Name of Applicant**' and '**Name of the Research Center**'

[Contact Information]

Bee LEE, Research Evaluation Team

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* For more information, please visit IBS website (www.ibs.re.kr).

7. Download link for 'Application Form'

- http://www.ibs.re.kr/eng/sub04_03.do