

[Your Full Name]  
[Your Department/Institution]  
[Email Address] | [Phone Number]  
[ORCID ID / Personal Website]  
[Date]

[Search Committee Chair Name / Hiring Manager]  
[Department Name]  
[University/Institute Name]  
[Street Address]

**Re: Application for [Position Title, e.g., Postdoctoral Researcher / Assistant Professor] in  
Condensed Matter Physics**

Dear [Dr./Prof. Last Name],

I am writing to express my strong interest in the [Position Name] within the [Specific Lab or Department] at [University/Institute]. As a physicist specializing in [Experimental / Theoretical / Computational] condensed matter, my research focuses on [Primary Research Topic, e.g., topological insulators, many-body localization, or 2D Materials].

During my [PhD/Postdoctoral] tenure at [Current Institution], I investigated [Core Research Problem]. Utilizing techniques such as [Specific Methods, e.g., ARPES, DFT calculations, or low-temperature transport], I successfully [Key Result or Discovery]. This work resulted in [Number] publications in journals such as [Journal Names], and has implications for [Broader Impact, e.g., quantum computing or high-Tc superconductivity].

Your group's recent work on [Reference a specific paper or project from the target lab] aligns perfectly with my expertise in [Technical Skill]. I am particularly interested in applying [Your Methodology] to your ongoing research regarding [Specific Topic in the target lab]. I am confident that my background in [Sub-field] will complement the strengths of the [Department/Lab Name].

Enclosed are my CV, research statement, and list of publications. I welcome the opportunity to discuss how my research experience in condensed matter physics can contribute to the innovative work being done at [University/Institute]. Thank you for your time and consideration.

Sincerely,

[Your Signature/Name]