

Chen-wei (Milton) Lin
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Princeton University
Mathematics Department
Fine Hall–Washington Road
Princeton, NJ 08544-1000

Dear Members of the Appointment Committee,

I am Chen-wei (Milton) Lin, a Ph.D. candidate in pure mathematics at Johns Hopkins University, focusing on arithmetic geometry, geometric Langlands, and homotopy theory. Under the supervision of Professor David Gepner, I expect to complete my degree in May 2025. I am writing to apply for postdoctoral positions in the Mathematics Department at Princeton University, particularly those available for new Ph.D. graduates, including postdoctoral appointments, instructorships, and positions jointly offered with the Institute for Advanced Study.

I am excited to collaborate with Princeton faculty whose work strongly resonates with my research interests, especially Professors Bhargav Bhatt, Nicholas Katz, Lue Pan, and Will Sawin in arithmetic geometry and homotopy theory. I also look forward to engaging with the Institute for Advanced Study's community, particularly Professors Jacob Lurie and Akshay Venkatesh.

My cover letter, curriculum vitae, research statement, teaching statement, and list of publications are enclosed with this application. In addition, I have arranged for four recommendation letters to be sent: These will be research letters from David Gepner (gepner@jhu.edu), Yiannis Sakellaridis (sakellar@jhu.edu), and Xinwen Zhu (zhuxw@stanford.edu) and one teaching letter from Emily Braley (ebraley1@jhu.edu).

Please let me know if there is anything else I can provide. Thank you in advance for your consideration.

Sincerely,

Chen-wei (Milton) Lin