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Heidelberg Institute for Theoretical Studies (HITS gGmbH)
Schloss-Wolfbrunnenweg, 35
69118 Heidelberg
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Dear Members of the Appointment Committee,

I am Chen-wei (Milton) Lin, a Ph.D. candidate in pure mathematics at Johns Hopkins University, specializing in arithmetic geometry, the geometric Langlands program, homotopy theory, and the foundations of machine learning. I am under the supervision of Professor David Gepner and expect to complete my degree in May 2025. I am applying for the HITS Independent Postdoc Program intending to contribute my expertise in mathematics to foundational AI research, working in an interdisciplinary context.

I am particularly excited about the opportunity to collaborate with the HITS community, especially with Professor Jan Stühmer, and to contribute to his work in representation learning and interpretability.

My curriculum vitae, research statement, teaching statement, and list of publications are enclosed with this application. For reference, I have included a separate document listing three individuals familiar with my academic work who will provide letters of recommendation.

Please feel free to reach out if I can provide any additional information. Thank you very much for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Wei', with a stylized flourish at the end.

Chen-wei (Milton) Lin