AMS Standard Cover Sheet

Last Name: _Lin_   Middle Name: _____

First Name: _Chen-wei (Milton)_ _____

Complete mailing address:

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_____

Current Institutional Affiliation:

Ph.D. Candidate in Pure Mathematics, 2021-2025 _____

Johns Hopkins University _____

Department of Mathematics _____

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Highest Degree held or expected   _Doctorate_ _____

Granting Institution   _Johns Hopkins University, Department of Mathematics_   Date   _05/2025 expected_

Ph.D. Advisor: _David Gepner_ _____

Thesis Title   _Geometric and Categorical Aspects of the Langlands Program_ _____

Primary Interest (MSC# only)   _14 {math.AT}_   Secondary Interests   _11 {math.RT}, 18 {math.KT}_

Give a very brief synopsis of your current research interests in the box below (e.g. finite group actions on four-manifolds).

My research centers on the geometric Langlands program, with a focus on the relative Langlands program of Ben-Zvi, Sakellaridis, and Venkatesh in the context of the Fargues-Fontaine curve. I am also investigating the geometrization of the metaplectic Casselman-Shalika formula and exploring deformation theory and higher category theory, emphasizing their foundational roles in algebraic geometry and representation theory.
`https://cwlin4916.github.io/Trees/Application/Postdoc/Research.pdf`

Most recent position held, if any, post Ph.D.

University or Company _____

Position Title _____ Dates _____

Eligible for positions which requires U.S. citizenship or U.S. permanent residency: ☐ Yes   ☒ No

If unsuccessful for this position, would you like to be considered for a temporary position?

☒ Yes   ☐ No   If yes, please check the appropriate boxes.

☒ Postdoctoral Position   ☒ 2+ Year Position   ☒ 1 Year Position

List the names and affiliations of individuals who will provide letters of recommendation if asked.

1.   _David Gepner, Johns Hopkins University, gepner@jhu.edu_
2.   _Yiannis Sakellaridis, Johns Hopkins University, sakellar@jhu.edu_
3.   _Xinwen Zhu, Stanford University, zhuxw@stanford.edu_
4.   _Emily Braley, Johns Hopkins University, ebraley1@jhu.edu (teaching)_
5.   _Daniel Khashabi, Johns Hopkins University, danielk@cs.jhu.edu_
6.   _David Hansen, National University of Singapore, dhansen@nus.edu.sg_