

Proposal Panel 1 : 1855608

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Agency Name: National Science Foundation

Agency Tracking Number: **1855608**

Panel Summary

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This proposal makes connections between Catalan-Coxeter combinatorics and the study of braid groups through topological techniques. In particular the PI is interested in presentations of braid groups.

Intellectual Merit:

Panelists liked the exposition in the proposal but felt as if the proposal could be more combinatorial. The proposal was thought to be narrowly focused on the topological approach and was not as concrete as it could be.

Broader impacts:

The broader impacts were impressive for a junior researcher. The PI works with undergraduates and graduates. The proposal could have benefited from the inclusion of specific problems for students.

Rationale for ranking and recommendation:

The panel placed the proposal in the "Not Recommended for Funding" category. While the panelists liked the exposition, they found the proposal lacking in specificity and not sufficiently combinatorial.

The summary was read by the panel and the panel concurred that the summary accurately reflects the panel discussion.

PANEL RECOMMENDATION: Not Recommended for Funding

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