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Proposal Panel 1 : 2054560

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Agency Name:

National Science Foundation

Agency Tracking Number:

2054560

Panel Summary

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The PI proposes to study generalizations of the distributive lattice of order ideals of a poset.

Intellectual Merit

The proposal is well-argued and has some concrete projects. The panel found the proposal somewhat difficult to read, as even basic definitions were difficult to parse. The proposal would benefit from a sufficiently complicated running example throughout. Also, due to the large number of projects that are joint with senior researchers, the panel found it somewhat difficult to determine the degree of independence of the research program for the PI.

Broader impacts

The broader impacts from the proposal were strong. The PI is a journal editor, active in organizing conferences, and active as a mentor for undergraduate and graduate students.

Rationale for ranking and recommendation:

Due to the large number of strong proposals this year, and the comments above, the panel placed the proposal in the "Recommended for Funding if Possible" category.

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

PANEL RECOMMENDATION: Recommended for Funding If Possible

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