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- The Universe Institute Open Science Publishing Fund
- Fund Identifier: UIOSF-2025-0142
- This institutional fund specifically supports open access publication of high-impact research

2. Secondary Funding Source:

- National Science Foundation Advanced Theoretical Physics Program
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I confirm that sufficient funds have been secured and approved for this purpose, and that financial limitations will not prevent open access publication of this work.

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3. **Open Science Framework (OSF)**

- Complete research materials, including simulation code and data
- Project DOI: 10.17605/OSF.IO/XRYZ9

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In alignment with the open access commitment, all research data and simulation code associated with this manuscript will be made freely available through:

- GitHub repository (<https://github.com/universe-institute/information-ontology>)
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Auric

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