

# David Jongwon Lee

## Contact

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## Research Interest

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Homotopy Theory (higher algebra, K-theory, chromatic homotopy theory)

## Education

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<b>Massachusetts Institute of Technology</b>	2020 - present
- Ph.D. in mathematics, in progress	
- Advisor: Jeremy Hahn	
<b>Korea Advanced Institute of Science and Technology</b>	2014 - 2020
- B.S. in Mathematics	

## Papers

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*Integral topological Hochschild homology of connective complex K-theory*, submitted (2022), available on arXiv:2206.02411

## Contributed Talks

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<i>Bousfield class of <math>\mathbb{E}_\infty</math>-rings</i> , MIT Juvitop	Nov. 2022
<i>Differentiating EHP sequence and Hilton-Milnor theorem</i> , MIT Juvitop	Apr. 2022
<i>Calculations with Synthetic Spectra</i> , MIT Babytop	Oct. 2021

## Teachings

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Algebraic Topology, TA	Fall 2022
Introduction to PDE, TA	Spring 2022
Algebraic Topology, TA	Fall 2021
UROP(Undergraduate Research Opportunities Program) Mentor	Summer 2021, 2022
RSI Mentor	Summer 2021

## Awards

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KAIST Presidential Fellowship	2014 - 2020
Korea Presidential Science Scholarship, Korea Student Aid Foundation	2014 - 2019
54th International Mathematical Olympiad	2013
- Gold Medal	