

Desheng Ma

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Education

Cornell University, Physics

- Information transfer in 4D-STEM and ptychography.
- Automated aberration correction via emittance minimization and machine learning.

Ithaca, NY

2021 – 2025

Cornell University, Physics

- A Structural Model for Latent Ratings and Topics in Text.

Ithaca, NY

2019 – 2021

Nankai University, Physics

Tianjin, China

2015 – 2019

Columbia University, Physics

New York, NY

- Ultracold atoms and molecules.

2016 – 2017

Languages

Chinese (Mandarin)

Native speaker

English

Proficient