

Matt von Hippel
Videnskabelig assistent
Teoretisk højenergi, astropartikel og gravitationel fysik
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Kort præsentation

Matt von Hippel is an assistant professor at the NBIA. He received his PhD in 2014 from SUNY Stony Brook, and from 2014 to 2017 he was a postdoctoral fellow at the Perimeter Institute.

Matt researches scattering amplitudes in gauge and gravity theories. In particular, he has developed new methods to calculate multi-loop scattering amplitudes in N=4 super Yang-Mills based on the properties of polylogarithmic functions. Currently, he is interested in extending these techniques, both to more general theories and to elliptic integrals. He is also heavily involved in outreach, blogging at 4gravitons.com.

Ansættelse

Videnskabelig assistent

Teoretisk højenergi, astropartikel og gravitationel fysik
Københavns Universitet
København Ø, Danmark
1 feb. 2024 → nu

Adjunkt

Teoretisk højenergi, astropartikel og gravitationel fysik
Københavns Universitet
København Ø, Danmark
15 aug. 2021 → 14 aug. 2023

Postdoc

Niels Bohr Internationale Akademi
Københavns Universitet
København Ø
14 aug. 2017 → 14 aug. 2021

Postdoctoral Fellow

Perimeter Institute for Theoretical Physics
Canada
14 aug. 2014 → 14 aug. 2017

Kvalifikationer

Physics, PhD, Stony Brook University
Dimissionsdato: 23 maj 2014