

Matt von Hippel  
Adjunkt  
Teoretisk højenergi, astropartikel og gravitationel fysik  
**Postadresse:**  
Blegdamsvej 17  
2100  
København Ø  
**E-mail:** mvonhippel@nbi.ku.dk  
**Telefon:** +4535328280



## 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

### Adjunkt

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