



# Graph Complexes and Quantum Field Theory

Adlershof Campus, Humboldt-Universität zu Berlin, March 28 - April 01 2022

[Poster](#)

[Titles and abstracts](#)

[Location](#)

## Invited Speakers:

<a href="#">Michael Borinsky</a>	<a href="#">Gaetan Borot</a>	<a href="#">Francis Brown</a>	<a href="#">Melody Chan</a>
<a href="#">Gavril Farkas</a>	<a href="#">Ralph Kaufmann</a>	<a href="#">Sam Payne</a>	<a href="#">Oliver Schnetz</a>
<a href="#">Karen Vogtmann</a>	<a href="#">Ben Ward</a>	<a href="#">Karen Yeats</a>	<a href="#">Marko Zivkovic</a>

Monday	Tuesday	Wednesday	Thursday	Friday
<a href="#">10 am Welcome</a>	<a href="#">10am Coffee</a>	<a href="#">10am Coffee</a>	<a href="#">10am Coffee</a>	<a href="#">10am Coffee</a>
<a href="#">11am Discussion</a>	<a href="#">11am Zivkovic</a>	<a href="#">11am Discussion</a>	<a href="#">11am Brown</a>	<a href="#">11am Farkas</a>
<a href="#">2pm Borinsky</a>	<a href="#">2pm Schnetz</a>	<a href="#">2pm Borot</a>	<a href="#">2pm Kaufmann</a>	<a href="#">2pm Vogtmann</a>
<a href="#">3:15pm Coffee</a>	<a href="#">3:15pm Coffee</a>	<a href="#">3:15pm Coffee</a>	<a href="#">3:15pm Coffee</a>	<a href="#">Ciao</a>
<a href="#">3:45pm Payne</a>	<a href="#">3:45pm Ward</a>	<a href="#">3:45pm Yeats</a>	<a href="#">3:45pm Chan</a>	<a href="#">3:30pm Departure</a>

## Conference topics include:

- Feynman graphs and their graph algebras
- Assembly maps and Dyson-Schwinger equations
- Cutkosky rules and Algebraic Geometry
- Graph complexes and Gauge Theory

If you are interested in the talks please send an email to [maphy@math.hu-berlin.de](mailto:maphy@math.hu-berlin.de) for registration. A few days before the workshop we will send you information how you can participate.

## Scientific Advisory Committee:

- [Dirk Kreimer \(HU Berlin\)](#)
- [Karen Vogtmann \(University of Warwick\)](#)
- [Karen Yeats \(University of Waterloo\)](#)

## Conference organizer(s):

- Marko Berghoff (HU Berlin and University of Oxford) and Dirk Kreimer (HU Berlin)

## Our thanks to the following organizations for partially funding the conference:

- [KMPB](#)