

Clay Research Conference
28 September 2022
University of Oxford
Andrew Wiles Building
L1

- 10:00 **Bhargav Bhatt** (IAS/Princeton and Michigan)
Vanishing theorems in algebraic geometry
Introduced by Mike Hopkins (Harvard)
- 11:00 Coffee
- 11:30 **Kevin Costello** (Perimeter)
Scattering amplitudes and vertex algebras
Introduced by Graeme Segal (Oxford)
- 12:30 Lunch
- 14:00 **Igor Rodnianski** (Princeton)
(some) Things you always wanted to know about Mathematical General Relativity
(but were too afraid to ask)
Introduced by Mihalis Dafermos (Princeton)
- 15:00 Coffee
- 15:30 **Jacob Tsimerman** (Toronto)
The André—Grothendieck Period conjecture over function fields
Introduced by Jonathan Pila (Oxford)
- 16:30 **Peter Scholze** (Bonn)
The work of Bhargav Bhatt
- Ulrike Tillmann** (Oxford and INI)
The work of Søren Galatius and Oscar Randal-Williams
- Thomas Clay**
Presentation of the 2021 and 2022 Clay Research Awards
- 17:30 Reception, South Mezzanine