

Viktor Kleen

Curriculum Vitae

University of Southern California
Department of Mathematics, KAP104
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Research Interests

- Unstable motivic homotopy theory
- Higher categorical methods in algebraic geometry

Education

Ph.D. in Mathematics

2014–2019 **University of Southern California, Los Angeles**
In Progress, supervised by Aravind Asok

M.Sc. in Mathematics

2012–2014 **Ludwig-Maximilians-Universität, Munich**
A Universal Characterization of \mathbb{A}^1 -Homotopy Theory
supervised by Fabien Morel

B.Sc. in Mathematics

2009–2012 **Ludwig-Maximilians-Universität, Munich**
Generalized Cohomology of Simplicial Sheaves
supervised by Fabien Morel

Publications

2018 A Motivic Snaith Decomposition, In Preparation

Academic Activities

2015–2016 **Organizer**, *Student Algebra Seminar*, USC.

2015 **Student Co-Organizer**, *West Coast Algebraic Topology Summer School 2015*, University of Oregon, Eugene.

Selected Talks

October 2018 The Snaith Decomposition of $BU(n)$ after Mitchell and Priddy
USC Student Geometry Seminar

- August 2018 Cohomology Theories and the Slice Filtration
USC Summer School, Computations in Stable Motivic Homotopy Theory
- March 2017 What are loop groups and why do I care?
USC Student Geometry Seminar
- October 2016 Nonabelian derived functors,
USC Student Algebra Seminar
- May 2016 Computation of degree (n, n) Chow-Witt motivic cohomology,
2016 USC K-Theory summer school
- August 2015 Strict \mathbb{A}^1 -invariance and the Gersten resolution,
2015 USC K-Theory summer school
- August 2015 The Adams spectral sequence II,
West Coast Algebraic Topology Summer School 2015

Teaching Experience

- Fall 2018 **Teaching Assistant**, *Linear Algebra and Abstract Algebra*.
- Fall 2017 **Teaching Assistant**, *Topology and Algebraic Topology*.
- Spring 2017 **Teaching Assistant**, *Differential Geometry*.
- Fall 2016 **Teaching Assistant**, *Topology and Algebraic Topology*.
- Spring 2016 **Teaching Assistant**, *Linear Algebra*.
- Fall 2015 **Teaching Assistant**, *Linear Algebra*.
- Spring 2015 **Teaching Assistant**, *Mathematics of Physics and Engineering I*.
- Fall 2014 **Teaching Assistant**, *Calculus II*.