

MARIUS NIELSEN

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EDUCATION

University of Copenhagen, Denmark
Master's program in Mathematics
Department of Mathematical Sciences

September 2020 - Present
Current grade point average 10.3

University of Copenhagen, Denmark
Bachelor of Science
Department of Mathematical Sciences

September 2017 - 2020
Grade point average 10.0

NEXT - Vibenshus Gymnasium, Denmark
Specialization in mathematics and physics

August 2014 - June 2017
Average grade: 11.0

PRIOR TEACHING

Algebra 1
Lineær Algebra i Datalogi
Maple instruktør i MatIntroKem
Regne lærer i MatIntroMat
Studiecafé på Math
Studiecafé på Vibenshus Gymnasium
Mentor hos MentorDanmark

Blok 1 2020 - Blok 1 2021
Blok 4 2019 - Blok 4 2020 - Blok 4 2021
Blok 2 2018 - Blok 2 2019 - Blok 2 2021
Blok 1 2019
Blok 3 2019 - present
January 2018 - June 2018
January 2018 - June 2018

ORGANIZATION

Reading group on Higher Algebra
Reading group on simplicial homotopy theory
Breakfast lectures at MATH
Student colloquiums MATH
Mentor at MATH

Blok 1 2020
Summer 2020
Blok 1 2019 - Present
Blok 1 2019 - Present
2018 - Present

TALKS GIVEN

Stable recollement and idempotent algebras. - *Topics in Algebraic Topology blok 2 - 2021 at UCPH.*
Combinatorial Species and Joyal's proof for Cayley's formula for counting trees. - *Invitation to Combinatorics Blok 2 - 2021 at UCPH.*
Symmetric monoidal categories & Group completion theorem using methods of T. Nikolaus. - *Reading group on Algebraic K-theory.*
Monadicity of the Bousfield-Kuhn functor. - *Topics in Algebraic Topology 2020/2021 at UCPH.*
Introduction to stable ∞ -categories and prestable ∞ -categories. - *Topics in Algebraic Topology 2020/2021 at UCPH.*
Stable ∞ -categories and the derived ∞ -category of a ring. - *Reading group on Higher Algebra 2020*
Adjunctions, (co)limits, Yoneda and Kan extensions. - *Reading group in simplicial homotopy theory Summer 2020*
String diagram formalism and symmetric fusion categories. - *Student colloquium at MATH 2019*

CONFERENCES ATTENDED

Masterclass on "High dimensional Cohomology of Moduli spaces

- 28 June - 2 July 2021 at UCPH.

Masterclass on Condensed Mathematics -9th to 13th of November 2020 at UCPH.

SYM 10 Years Old - 24th to 28th of June 2019 at UCPH.