



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE\_\_6125

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di \_\_\_\_\_Matematica Federigo Enriques\_\_\_\_\_

Scientist- in - charge: \_\_\_\_\_Amnon Neeman\_\_\_\_\_

Haldun Ozgur Bayindir

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Bayindir
Name	Haldun Ozgur

### PRESENT OCCUPATION

Appointment	Structure
Postdoctoral Associate	Research City, University of London, 2021 September-Present, Advisor: Josph Chuang

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Electrical and Electronics Engineering	Bilkent University	2007
Specialization			
PhD	Mathematics	University of Illinois at Chicago	2018
Master	Mathematics	Middle East Technical University	2014
Degree of medical specialization			
Degree of European specialization			
Other	Masters in Electrical and Electronics	Bilkent University	2009



	Engineering		
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## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Fluent
Turkish	Native
Spanish	Beginner

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2022	Institute Mittag-Leffler, Junior Fellowship, February 2022 - March 2022 Fellowships Program: "Higher algebraic structures in algebra, topology and geometry"

## TRAINING OR RESEARCH ACTIVITY

description of activity :
1) Universite Sorbonne Paris Nord, Post-doctoral position, September 2020 - August 2021 Advisor: Christian Auson
2) University of Haifa, Post-doctoral position, October 2018 - August 2020 Advisor: Boris Chorny

## PROJECT ACTIVITY

Year	Project

## PATENTS

Patent



## CONGRESSES AND SEMINARS

Date	Title	Place
November 3, 2023	Algebraic K-theory of two periodic Morava K-theory of height one	University of Louisiana at Lafayette, Topology Seminar
October 10, 2023	Algebraic K-theory of two periodic Morava K-theory of height one	University of Warwick, Algebraic Topology Seminar
July 24, 2023	Algebraic K-theory of two periodic Morava K-theory of height one	Topics in K-theory and NCG, Argentina
March 24, 2023	Adjoining roots to ring spectra and algebraic K-theory	Queen Mary U. of London Algebra and Number Theory Seminar,
January 23, 2023	Adjoining roots to ring spectra and algebraic K-theory	Chromatic Homotopy, K-theory and Functors, CIRM, France
October 26, 2022	Adjoining roots to ring spectra and algebraic K-theory	University of Aberdeen, Topology Seminar
October 12, 2022	Adjoining roots to ring spectra and algebraic K-theory	Cobordisms, Strings, and Thom Spectra workshop in Oaxaca
17 May, 2022	Adjoining roots to ring spectra and algebraic K-theory	University of Warwick, Algebraic topology seminar,
26 April, 2022	Adjoining roots to ring spectra and algebraic K-theory	Feza Gursey Institute, Higher Structures Seminars,
21 April, 2022,	Adjoining roots to ring spectra and algebraic K-theory	Universitat Hamburg, Algebraic Topology Seminar,
18 February, 2022	Adjoining roots to ring spectra and algebraic K-theory	Institut Mittag-Leffler, Higher algebraic structures in algebra, topology and geometry
May 4, 2021	Algebraic K-theory of THH(Fp)	Freie Universitat Berlin (Zoom seminar)
April 27, 2021	Algebraic K-theory of THH(Fp)	EPFL topology seminar
Feb 4, 2021	Algebraic K-theory of THH(Fp)	University of Kentucky / Vanderbilt online seminar
Dec 3, 2020	Algebraic K-theory of THH(Fp)	University of Pennsylvania (Zoom Seminar)
May 4, 2020	DGAs with polynomial homology	Fields Institute (Zoom Seminar)
December 19, 2019	DGAs with polynomial homology	Topology seminar, Universite Paris 13,
December 17, 2019	DGAs with polynomial homology	Institute de Mathématiques de Toulouse



December 10, 2019	DGAs with polynomial homology	University of Sevilla
November 20, 2019	DGAs with polynomial homology	AGNT seminar, Ben Gurion University of the Negev
August 2, 2019	Ring spectra to DGAs	Equivariant Topology and Derived Algebra, NTNU
July 25, 2019	Ring spectra to DGAs	Young Topologist Meeting 2019, EPFL
March 27, 2019	Topological equivalences of E-infinity DGAs	Hebrew University of Jerusalem
July 6, 2018	Topological equivalences of E-infinity DGAs	University of Regina
March 23, 2018	Topological equivalences of E-infinity DGAs	National Autonomous University of Mexico
January 18, 2018	Topological equivalences of E-infinity DGAs	Homotopy Theory Seminar, Ohio State University
December 4, 2017	Topological equivalences of E-infinity DGAs	Topology Seminar, Johns Hopkins University
November 11, 2017	Topological equivalences of E-infinity DGAs	Lloyd Roeling UL Lafayette Mathematics Conference
July 17, 2017	Topological equivalences of E-infinity DGAs	Homotopy theory: tools and applications, UIUC
May 24, 2017	Applications of obstruction theories	Talbot 2017: Obstruction Theory for Structured Ring Spectra
November 29, 2016	Topological equivalences of E-infinity DGAs	Topology Seminar, The University of Chicago

## PUBLICATIONS

Books
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Articles in reviews
6) H.Ö Bayındır, M. Peroux, Spanier-Whitehead duality for topological coHochschild homology, <b>Journal of the London Mathematical Society</b> , 107 (2023):1780-1822
5) H.Ö Bayındır, T. Moulinos, Algebraic K-theory of THH(Fp), <b>Transactions of the American Mathematical Society</b> , 375 (2022):4177 - 4207
4) H.Ö Bayındır, Extension DGAs and topological Hochschild homology, <b>Algebraic &amp; Geometric Topology</b> , 23 (2023):895-932,
3) H.Ö Bayındır, B. Chorny, Admissible replacements for simplicial monoidal model categories.



<b>Algebraic &amp; Geometric Topology</b> , 23 (2023):43-73
2) H.Ö Bayındır, DGAs with polynomial homology.
<b>Advances in Mathematics</b> , 389 (2021):1-58
1) H.Ö Bayındır, Topological equivalences of E-infinity differential graded algebras.
<b>Algebraic &amp; Geometric Topology</b> , 18 (2018):1115-1146

Congress proceedings
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OTHER INFORMATION

<b>Arxiv preprint (submitted to a journal):</b> H.Ö Bayındır, Algebraic K-theory of the two-periodic first Morava K-theory, 2023, arXiv:2305.14308
<b>Arxiv preprint (submitted to a journal):</b> H.Ö Bayındır, C. Ausoni and T. Moulinos, Adjunction of roots, algebraic K-theory and chromatic redshift, 2022, arXiv:2211.16929

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: \_\_\_\_London, United Kingdom\_\_\_\_\_, \_\_12/09/2023\_\_\_\_\_