Ian Gleason

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Born: May 21, 1992. Mexico City.
Nationality: Mexican, Lithuanian.
Languages: Spanish, English.

Education

BA in Mathematics, UNAM Mexico. 2010-2014
Average: 9.96/10 with honors
Thesis title: "El antiprisma" (*The antiprism*)
Supervisor: Isabel Hubard

Phd in Mathematics, UC Berkeley. 2014-2021
Thesis title: "Specialization maps for Scholze's category of diamonds." (expected)
Supervisor: Sug Woo Shin

Currently

Accepted postdoctoral position financed through one of P. Scholze's grants.

Talks in Conferences and Workshops

"On the geometric connected components of unramified local Shimura varieties"
Midwest Representation Theory Conference 2020.
Virtual Conference: Oct 2020
`https://homepage.divms.uiowa.edu/~mkrishna/2020mrtc/program.html`

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"An introduction to p-divisible groups" (Expository) 50° *Congreso Nacional de la Sociedad Matemática Mexicana.*
Instituto de Matemáticas, UNAM. Mexico City, Mexico. Dec 2017

"Products in abstract polytopes and the antiprism" *Kaleidoscope: A conference in honor of Javier Bracho.* May 2014
Ixtapa Zihuatanejo, Mexico.

Talks as invited speaker.

"On the geometric connected components of moduli of p-adic shtukas" *University of Michigan, umich.zoom.us*

Jan 2021

"On the geometric connected components of moduli of p-adic shtukas" *MIT, number theory seminar*

Mar 2021

"On the geometric connected components of moduli of p-adic shtukas" *CIMAT, Seminario álgebra conmutativa y geometría algebraica.*

Apr 2021

Articles and work in progress

Specialization maps for Scholze's category of diamonds.
`https://math.berkeley.edu/~ianandre/notation.pdf`

On the geometric connected components of moduli spaces of p-adic shtukas and local Shimura varieties.
`https://math.berkeley.edu/~ianandre/GeomConn.pdf`

My bachelor's thesis

Products of abstract polytopes arXiv:1603.03585 (also published in: Journal of Combinatorial Theory, Series A Volume 157, July 2018, Pages 287-320)

Teaching

Teaching Assistant at UC Berkeley, Berkeley, CA.

MATH 110 (Linear Algebra for STEM). 3 sections, 1 semester	2020
MATH 250A (Graduate Course on Abstract Algebra). 1 section 1 semester	2019
MATH 54 (Linear Algebra). 2 sections 1 semester	2017
MATH 54 (Linear Algebra). 2 sections 1 semester	2016
MATH 1B (Calculus). 2 sections 1 semester	2016
MATH 1A (Calculus). 2 sections 1 semester	2015

Teaching Assistant A at UNAM, Mexico City, Mexico.

Logic I.	2013

Awarded Scholarships

UC-MEXUS CONACYT Doctoral Fellowship for Mexican students
2017-2021

Support Programme for Research Projects and Technological Innovation.
DGAPA-UNAM 2014

International Student Mobility Scholarship. 2013
UNAM- DGECI.

Scholarship for Science Olympiads. 2010 - 2012
Mexican Academy of Science.

Service

Reviewer for Annals of Mathematics.