

Amey Abhay Joshi

Pronounes- He/Him
DOB: 6 July 2000
email: ameyj200(AT)gmail.com
Website- <https://iamjoshiamey.github.io/>

Education	Michigan State University- Graduate Student College of Natural Sciences Department of Mathematics IISER Pune: BS-MS dual degree student Major- mathematics Math GPA-9.7/10 Total GPA- 8.5/10 Vivekanand College, Kolhapur: 11th and 12th standard S.M.Lohia high school, kolhapur: 5th-10th standard 10 th standard SSC exam percentage :96/100	Aug' 22 - (ongoing) July '15-June '17 June '09-April '15
Employment	MSU-Teaching Excluded Assistant II	Aug'22-May'23
Interests	Symplectic Topology, Four manifold Theory, Gauge Theory.	

Advisor

Research projects	<ul style="list-style-type: none">• ABELIAN BRANCHED COVERS OF RATIONAL SURFACES MS Thesis project• Symplectic Classes of representations	Doug Park Steven Spallone
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Reading Projects

Advisor

<ul style="list-style-type: none">• Floer Homology (Ongoing)• Four Manifolds and Gauge Theory• h-cobordism theorem semester project SPRING 2021,• Characteristic Classes and Milnor's exotic sphere Summer 2020• Lie Groupoids and Orbifolds as a part of VSRP 2020• Schemes, Complex Manifolds and non-algebraic manifold mini project of Algebraic Geometry course SPRING 2021	Matthew Stoffregen Doug Park Prof. Mainak Poddar Prof. Mainak Poddar Prof.S.K.Roushon Dr. Vivek Mallick
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Conferences and Workshops-

- Introductory Workshop: Floer Homotopy Theory Sep'22
- "Geometric Topology" conference Dec-2019.
- IISc-IISER math symposium Sep-2021.
- Unifying Themes in Geometry Sep 2021.

Awards and Honors

- [Infosys](#) foundation scholarship 2021-22
- [TIFR Visiting Student Research Program](#) fellow Summer 2020
- IISER Mohali Summer Research fellow Summer 2019
- National Graduate Physics Exam 2018-19: national top 1 percent
- DST-INSPIRE SHE fellow since 2017
- IIT-JEE Advanced 2017 All India Rank-5056
(equivalent to 99 percentile)

References

- [Prof.Doug Park](#), Department of Mathematics, University of Waterloo, Ontario, Canada.
email : bdpark(AT)uwaterloo.ca
- [Prof.Mainak Poddar](#), Chair, Department of Mathematics, IISER Pune.
email : mainak(AT)iiserpune.ac.in
- [Dr.Steven Spallone](#), Associate professor, Department of Mathematics IISER Pune.
email : sspallone(AT)iiserpune.ac.in

Software

- Python
- SageMath
- L^AT_EX

Languages

- English : Fluent
- Hindi : Fluent
- Marathi: Mother Tongue
- Sanskrit: basic (elective in 10th std.)