JIALIANG LIN

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lindao.life

EDUCATION

Ph.D. Student | *Mathematics*   Aug. 2022 – Now
Fudan University   Shanghai, China

Bachelor of Science | *Mathematics and Applied Mathematics*   Aug. 2018 – Jul. 2022
Peking University   Beijing, China

HONORS AND AWARDS

Master's Excellent Academic Scholarship(First Class)   2023 – 2024
Fudan University

Master's Annual Academic Scholarship   2022 – 2023
Fudan University

Master's Excellent Academic Scholarship   2022 – 2023
Fudan University

Excellent Graduate   Jun. 2022
School of Mathematical Sciences, Peking University

Award for Contribution in Student Organizations   Dec. 2020
Peking University

1/2002 Dream Scholarship   Dec. 2020
School of Mathematical Sciences, Peking University

Award for Academic Excellents   Dec. 2019
Peking University

The Third Prize of Peking University Scholarship   Dec. 2019
Peking University

TEACHING EXPERIENCE

Teaching Assistant for Functions of Complex Variable(for Talent Program)   Fall 2024
[MATH130006]   Fudan University

Teaching Assistant for Functions of Real Variable   Spring 2024
[MATH130007.02]   Fudan University

Teaching Assistant for Functional Analysis   Fall 2023
[MATH130011.01]   Fudan University

Teaching Assistant for Mathematical Analysis I (for Talent Program)   Fall 2022
[MATH130154]   Fudan University

RESEARCH

Toeplitz Operators on S^1 and Their Fredholm Index | *Undergraduate Thesis*   2021 – 2022 Academic Year
Advisor: Prof.Guoliang Yu(Fudan University & TAMU)   Peking University

Applications of NCG in Complex Deformation Theory | *Undergraduate Research*   2020 – 2021 Academic Year
Advisor: Prof.Huijun Fan(Peking University)   Peking University

CONFERENCES AND SEMINARS

C^*-Algebraic Quantum Mechanics and Topological Phases of Matter 2024.07.29 – 2024.08.02
University of Colorado Boulder

Summer School on Operator Algebras and Operator Theory 2024.07.15 – 2024.07.26
SCMS, Hebei Normal University

2024 Shanghai Geometric Group Theory Workshop 2024.07.08 – 2024.07.12
SCMS, Fudan University

International Workshop on Algebraic Topology 2024 2024.07.02 – 2024.07.06
SCMS, Fudan University

IWoAT Summer School 2024: Motivic Stable Homotopy Theory 2024.06.23 – 2024.06.27
SCMS, Fudan University

2024 Conference on Noncommutative Geometry 2024.01.28 – 2024.02.03
Tianyuan Mathematics Research Center

East Asian Core Doctoral Forum on Mathematics 2023 2024.01.07 – 2024.01.12
SMS, Fudan University

The 2023 Annual International Congress of Chinese Mathematicians 2024.01.02 – 2024.01.05
SIMIS, Fudan University

International Workshop on Algebraic Topology 2023 Winter School 2023.12.18 – 2023.12.24
SUSTech

Young Scholars in Noncommutative Geometry and Operator Algebras 2023.10.21 – 2023.10.22
SCMS, Fudan University

IWoAT Summer School 2023: Operads, Spectra, and Multiplicative Structures 2023.08.14 – 2023.08.19
BIMSA

2023 SCMS Geometric Group Theory Workshop 2023.08.07 – 2023.08.11
SCMS, Fudan University

Special Week on Operator Algebras 2023 2023.07.31 – 2023.08.04
RCOA, East China Normal University

International Workshop on Algebraic Topology 2023 2023.07.24 – 2023.07.28
BICMR, Peking University

Fudan University Algebraic Geometry Summer School 2023.07.10 – 2023.07.21
SCMS, Fudan University

Concerto in Quantum K Theory 2023.07.05 – 2023.07.06
IASM, Zhejiang University

Seminar on Operator Algebras 2022.09 – Now
SMS, Fudan University   Mentor: Prof.Chen Xiaoman and Prof.Yao Yi-Jun

Seminar on Fudan Topological Library 2023.09 – Now
SCMS, Fudan University   Mentor: Prof.Wang Guozhen

Seminar on Spectral Theory 2023.09 – 2024.01
SCMS, Fudan University   Mentor: Prof.Chen Xi and Prof.He Danqing

Seminar on Non-commutative Differential Geometry 2024.02 – Now
SMS, Fudan University   Mentor: Prof.Yao Yi-Jun

Co-Organizer and Speaker of Student Seminar on Cyclic Homology Winter 2023
SMS, Fudan University

Co-Organizer of Student Seminar on K-Theory Fall 2023
SMS, Fudan University

Co-Organizer of Student Seminar on Differential Forms in Algebraic Topology	2023.07 – 2023.11
SMS, Fudan University	
Co-Organizer and Speaker of Student Seminar on Homological Algebra	2023.01 – 2023.11
SMS, Fudan University	

TALKS

Paring Between K-groups and Cyclic Cohomology Groups	2024.06.10
Seminar on Non-commutative Differential Geometry	Fudan University
Homomorphisms from K-groups to Cyclic Homology Groups	2024.02.05
Seminar on Cyclic Homology	Fudan University
Unbounded Operators	2023.12.14
Seminar on Spectral Theory	Fudan University
Poincaré Inequality	2023.12.07
Seminar on Operator Algebras	Fudan University
Terminology and Leray-Serre Spectral Sequence	2023.03.28, 2023.04.11
Student Seminar on Spectral Sequence	Fudan University
Introduction and history of Spectral Sequence	2023.03.21
Student Seminar on Spectral Sequence	Fudan University

WORK EXPERIENCE

Secretary of Youth League Branch	Sep. 2018 – Jul. 2022
School of Mathematical Sciences, Peking University	
Vice Minister of Practice Department	Mar. 2019 – Jun. 2020
School of Mathematical Sciences Student Union, Peking University	
Secretary of Youth League School	Sep. 2020 – Jun. 2021
School of Mathematical Sciences, Peking University	
Organizer of Four Social Practice Activities	Sep. 2018 – Jun. 2021
School of Mathematical Sciences, Peking University	

SKILLS

English: CET-6(521), CET-4(593)

Programming: C, MATLAB

Document Creation: Microsoft Office Suite, LaTex, Markdown, Photoshop, Illustrator