

CONTACT INFORMATION	<a href="#">School of Mathematical Sciences</a> Xiamen University No. 422, Siming South Road Xiamen, Fujian, China 361005	Email: <a href="mailto:yishaoyun926@xmu.edu.cn">yishaoyun926@xmu.edu.cn</a> <a href="mailto:yishaoyun926@gmail.com">yishaoyun926@gmail.com</a> Webpage: <a href="https://yishaoyun.github.io/syi/">https://yishaoyun.github.io/syi/</a> <a href="https://math.xmu.edu.cn/info/1083/17409.htm">https://math.xmu.edu.cn/info/1083/17409.htm</a>
EMPLOYMENT	<b>Xiamen University</b> , Xiamen, Fujian, China Assistant Professor	Sept. 2022 - present
	<b>University of South Carolina</b> , Columbia, SC, USA Instructor	Aug. 2019 - July 2022
EDUCATION	<b>University of Oklahoma</b> , Norman, OK, USA Ph.D., Mathematics. Advisor: <a href="#">Ralf Schmidt</a> . M.A., Mathematics.	May 2014 - May 2019 Aug. 2012 - May 2014
	<b>University of Science and Technology of China</b> , Hefei, Anhui, China B.S., Mathematics.	Sept. 2008 - July 2012
RESEARCH INTERESTS	Number Theory & Representation Theory	
RESEARCH PROFILES	<a href="#">arXiv</a> , <a href="#">MathSciNet</a> , <a href="#">ORCID</a> , <a href="#">Google Scholar</a> , <a href="#">ResearchGate</a> , <a href="#">Semantic Scholar</a>	
PUBLICATIONS & PREPRINTS	<ol style="list-style-type: none"><li>1. <b>Some ergodic theorems over squarefree numbers</b> (with Huixi Li, Biao Wang and Chunlin Wang). <i>Submitted</i>, 2024. [<a href="#">arXiv</a>].</li><li>2. <b>On Erdős covering systems in global function fields</b> (with Huixi Li, Biao Wang and Chunlin Wang). <i>Submitted</i>, 2024. [<a href="#">arXiv</a>].</li><li>3. <b>Some remarks on strong multiplicity one for paramodular forms</b> (with Xiyuan Wang, Zhining Wei and Pan Yan). <i>Submitted</i>, 2023. [<a href="#">arXiv</a>].</li><li>4. <b>On the Covering Systems of Polynomial Rings over Finite Fields</b> (with Huixi Li, Biao Wang and Chunlin Wang). <i>To appear in Proceedings of the American Mathematical Society</i>, 2024. [<a href="#">arXiv</a>].</li><li>5. <b>On the minimum modulus problem in number fields</b> (with Huixi Li and Biao Wang). <i>Submitted</i>, 2023. [<a href="#">arXiv</a>].</li><li>6. <b>On distinguishing Siegel cusp forms of degree two</b> (with Zhining Wei). <i>Submitted</i>, 2022. [<a href="#">arXiv</a>].</li><li>7. <b>Dimension formulas for Siegel modular forms of level 4</b> (with Manami Roy and Ralf Schmidt, and with an appendix by Cris Poor and David Yuen). <i>Mathematika</i> 69 (2023), no. 3, 795-840. [<a href="#">arXiv</a>, <a href="#">DOI</a>].</li><li>8. <b>Generalizations of the Erdős-Kac Theorem and the Prime Number Theorem</b> (with Biao Wang, Zhining Wei and Pan Yan). <i>Published online in Communications in Mathematics and Statistics</i>, 2023. [<a href="#">arXiv</a>, <a href="#">DOI</a>].</li></ol>	

9. **Classical and adelic Eisenstein series**  
(with Manami Roy and Ralf Schmidt).  
*To appear in Rocky Mountain Journal of Mathematics*, 2024. [[arXiv](#)].
10. **Generalizations of Alladi's formula for arithmetical semigroups**  
(with Lian Duan and Ning Ma).  
*The Ramanujan Journal* 58 (2022), no. 4, 1285-1319. [[arXiv](#), [DOI](#)].
11. **Congruences for dimensions of spaces of Siegel cusp forms and 4-core partitions**  
(with Chiranjit Ray and Manami Roy).  
*The Ramanujan Journal* 58 (2022), no. 4, 1011-1023. [[SharedIt link](#), [arXiv](#), [DOI](#)].
12. **Analogues of Alladi's formula over global function fields**  
(with Lian Duan and Biao Wang).  
*Finite Fields and Their Applications* 74 (2021), 101874, 26 pp. [[arXiv](#), [DOI](#)].
13. **On counting cuspidal automorphic representations for  $\mathrm{GSp}(4)$**   
(with Manami Roy and Ralf Schmidt).  
*Forum Mathematicum* 33 (2021), no. 3, 821-843. [[arXiv](#), [DOI](#)].
14. **Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$ .**  
*The Ramanujan Journal* 54 (2021), no. 3, 511-554. [[SharedIt link](#), [DOI](#)].
15. **Klingen vectors of level 2 for  $\mathrm{GSp}(4)$ .**  
*Ph.D. Thesis, University of Oklahoma*, 2019. [[PDF](#)].

TEACHING  
EXPERIENCE

Assistant Professor, School of Mathematical Sciences, Xiamen University

**Instructor of Record**

<a href="#">Function Theory of One Complex Variable</a>	Spring 2024
<a href="#">Advanced Algebra I</a>	Fall 2023
<a href="#">Elementary Number Theory</a>	Fall 2023
Advanced Algebra II (Discussion Session Leader)	Spring 2023
No Teaching	Fall 2022

Instructor, Department of Mathematics, University of South Carolina

**Instructor of Record**

<a href="#">Math 142 Calculus II</a>	Spring 2022
<a href="#">Math 546/701I Algebraic Structures I</a>	Spring 2022
Math 122 Calculus for Business Administration and Social Sciences (hybrid)	Fall 2021
Math 141 Calculus I (hybrid)	Fall 2021
Math 241 Vector Calculus (hybrid)	Fall 2021
<a href="#">Math 546/701I Algebraic Structures I</a> (online)	Summer 2021
Math 122 Calculus for Business Administration and Social Sciences (online)	Spring 2021
Math 141 Calculus I (online)	Spring 2021
Math 122 Calculus for Business Administration and Social Sciences (online)	Fall 2020
<a href="#">Math 546/701I Algebraic Structures I</a> (online)	Summer 2020
Math 142 Calculus II	Spring 2020
Math 242 Elementary Differential Equations	Spring 2020
Math 122 Calculus for Business Administration and Social Sciences	Fall 2019

**Instructor of Record**

Math 1743 Calculus I for Business, Life, and Social Sciences Spring 2019

**Discussion Session Leader**

Math 2924 Differential and Integral Calculus II Fall 2018

Math 2924 Differential and Integral Calculus II Spring 2018

Math 2423 Differential and Integral Calculus II Fall 2017

**Tutor**

Fall 2013-Spring 2019

Pre-Calculus; Trigonometry; College Algebra; Business Calculus; Advanced Calculus

**Grader**

Fall 2012-Spring 2017

Calculus; Ordinary differential equations; Linear algebra; Abstract algebra PYTHON;

Analysis; Partial differential equations; Discrete mathematics (Capstone)

SUMMER &  
WINTER  
SCHOOLS

[Arizona Winter School 2018: Iwasawa Theory](#)

University of Arizona, Tucson, AZ, USA Mar. 3-7, 2018

[MSRI Summer School: Automorphic Forms and the Langlands Program](#)

Mathematical Sciences Research Institute (MSRI), Berkeley, CA, USA July 24-Aug. 4, 2017

INVITED TALKS

*Strong multiplicity one and applications to Siegel modular forms*, 2024 Chengdu Workshop on Number Theory, Sichuan Normal University, Chengdu, Sichuan, China May 18, 2024

*On Erdős covering systems*,

Sichuan University, Chengdu, Sichuan, China May 17, 2024

*Representation theory of  $\mathrm{GSp}(4)$  and applications to Siegel modular forms of degree 2*,

ShanghaiTech University, Shanghai, China Apr. 11, 2024

*Studying Siegel modular forms from representation theoretic approach*,

2024 Workshop on Number Theory and Applications, Southeast University & Minnan Normal University, Nanjing, Jiangsu, China Mar. 10, 2024

*On strong multiplicity one for paramodular forms*, Symposium on Number Theory and Representation Theory VII, Zhejiang University, Hangzhou, Zhejiang, China Jan. 7, 2024

*From Riemann Hypothesis to Langlands Program*,

University of Science and Technology of China, Hefei, Anhui, China Dec. 20, 2023

*Computing dimension formulas of Siegel modular forms from representation theory of  $\mathrm{GSp}(4)$* , Wuhan University, Wuhan, Hubei, China (online) Sept. 6, 2023

*An introduction to classical modular forms and their generalizations*,

Shaanxi Normal University, Xian, Shaanxi, China Aug. 24, 2023

*Siegel modular forms of degree 2 and representation theory of  $\mathrm{GSp}(4)$* , Workshop on Automorphic Representations, Shandong University, Jinan, Shandong, China Aug. 15, 2023

*Siegel modular forms of degree 2 and representation theory of  $\mathrm{GSp}(4)$* , Nankai University, Tianjin, China (hybrid) July 6, 2023

*On Eisenstein series of weight 2* (online),

Chengdu University of Technology, Chengdu, Sichuan, China Nov. 30, 2022

*Classical and adelic Eisenstein series* (online),

Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Beijing, China Nov. 28, 2022

*Classical and adelic Eisenstein series*, International Conference on  $L$ -Functions and Related Themes, Minnan Normal University, Zhangzhou, Fujian, China (online) Aug. 7, 2022

- Some results on Eisenstein series*, AMS Special Session on Recent Advances on the Langlands Program, Spring Western Sectional Meeting (online) May 15, 2022
- Counting cuspidal automorphic representations of  $\mathrm{GSp}(4)$  and dimensions of Siegel cusp forms*, Institute of Geometry and Physics, University of Science and Technology of China, Hefei, Anhui, China (online) Jan. 11, 2022
- Counting cuspidal automorphic representations of  $\mathrm{GSp}(4)$  and dimensions of Siegel cusp forms*, Sichuan Normal University, Chengdu, Sichuan, China (online) Dec. 29, 2021
- Classical modular forms and local-global representation theory*, Nankai University, Tianjin, China (online) Dec. 10, 2021
- Dimension formulas for spaces of Siegel modular forms of Klingen level 4*, Sun Yat-sen University (Zhuhai), Zhuhai, Guangdong, China (online) Dec. 6, 2021
- Siegel modular forms of degree 2 and Klingen level 4* (online), Morningside Seminar on Number Theory, Morningside Center of Mathematics, Beijing, China Nov. 17, 2021
- Siegel modular forms of degree 2 and Klingen level 4*, University of Science and Technology of China, Hefei, Anhui, China (online) Nov. 2, 2021
- An equidistribution theorem for cuspidal automorphic representations of  $\mathrm{GSp}(4)$* , Sichuan University, Chengdu, Sichuan, China (online) Jan. 29, 2021
- The equidistribution theorem for a certain family of cuspidal automorphic representations for  $\mathrm{GSp}(4)$* , Capital Normal University, Beijing, China (online) Nov. 14, 2020
- An equidistribution theorem for  $\mathrm{GSp}(4)$  by counting cuspidal automorphic representations*, University of Science and Technology of China, Hefei, Anhui, China (online) Nov. 12, 2020
- On counting automorphic representations and its connection to an equidistribution theorem for  $\mathrm{GSp}(4)$* , Algebra Seminar, University of North Texas, Denton, TX, USA (online) Oct. 23, 2020
- An equidistribution theorem for cuspidal automorphic representations for  $\mathrm{GSp}(4)$* , Shandong University, Jinan, Shandong, China (online) Oct. 22, 2020
- A bridge between modular forms theory and representation theory*, Cameron University Math Seminar Series, Cameron University, Lawton, OK, USA Apr. 16, 2019
- Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$* , Algebraic Geometry and Number Theory Seminar, Clemson University, Clemson, SC, USA Feb. 26, 2019
- Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$* , Lie Groups Seminar, Oklahoma State University, Stillwater, OK, USA Feb. 13, 2019
- CONTRIBUTED TALKS *An Introduction to Modular Forms* Dec. 15, 2022  
Analytic Number Theory Seminar, School of Mathematical Sciences, Nankai University (online)
- Classical and adelic Eisenstein series of weight 2* Mar. 19, 2022  
34th Automorphic Forms Workshop, Brigham Young University (online)
- On certain Siegel modular forms of level 4* Mar. 13, 2022  
2022 Southern Regional Number Theory Conference, Louisiana State University (online)
- On dimension formulas of Siegel modular forms of level 4* Dec. 17, 2021  
WCNT 2021: Problems in Number Theory (online)
- Siegel modular forms of level 4* Sept. 26, 2021  
PALmetto Joint Arithmetic, Modularity, and Analysis Series III (online)

<i>Dimension formulas of Siegel cusp forms for certain congruence subgroups</i> Women in automorphic forms, Bielefeld University (online)	Sept. 21, 2021
<i>On counting cuspidal automorphic representations of <math>\mathrm{GSp}(4)</math></i> New Developments in Number Theory (online)	June 1, 2021
<i>On counting cuspidal automorphic representations of <math>\mathrm{GSp}(4)</math></i> Mid-Atlantic Seminar On Numbers V (online)	Mar. 28, 2021
<i>Analogues of Alladi's formula over global function fields</i> PALmetto Joint Arithmetic, Modularity, and Analysis Series II (online)	Dec. 6, 2020
<i>On counting cuspidal automorphic representations for <math>\mathrm{GSp}(4)</math></i> Front Range Number Theory Day (online)	Sept. 26, 2020
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i> Ninth Annual Upstate Number Theory Conference, Cornell University	Apr. 28, 2019
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i> TORA X, University of North Texas	Apr. 6, 2019
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i> 33rd Automorphic Forms Workshop, Duquesne University	Mar. 10, 2019
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i> Graduate Algebra Symposium, University of Oklahoma	Mar. 2, 2019
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4, F)</math></i> PANTS XXXI, University of South Carolina	Dec. 8, 2018
<i><math>\mathrm{Kl}(\mathfrak{p}^2)</math> vectors for <math>\mathrm{GSp}(4, F)</math></i> TORA IX, University of Oklahoma	Apr. 7, 2018
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for <math>\mathrm{GSp}(4, F)</math></i> 31st Automorphic Forms Workshop, East Tennessee State University	Mar. 8, 2017
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for irreducible non-supercuspidal representations of <math>\mathrm{GSp}(4, F)</math></i> Graduate Algebra Symposium, University of North Texas	Nov. 5, 2016
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4, F)</math></i> TORA VII, University of North Texas	Apr. 10, 2016
<i>Dimensions of Parahori-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4)</math></i> Graduate Algebra Symposium, University of Oklahoma	Mar. 5, 2016
<i>Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4)</math></i> TORAS I, University of Oklahoma	Mar. 28, 2015

POSTER  
SESSIONS

<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math> and applications</i> Boston University-Keio University Workshop in Number Theory 2019, Boston University	June 24, 2019
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math> and applications</i> TORA X, University of North Texas	Apr. 6, 2019
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4, F)</math></i> TORA VII, University of North Texas	Apr. 10, 2016

DEPARTMENTAL **Xiamen University**

SEMINAR TALKS	<i>Introduction to Sarnak's conjecture, II</i> (general paper reading talk), <a href="#">Dynamical System and Number Theory Seminar</a> (online)	Mar. 21, 2024
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<i>Introduction to Sarnak's conjecture, I</i> (general paper reading talk), Dynamical System and Number Theory Seminar (online)	Mar. 14, 2024
<i>From Riemann Hypothesis to Langlands Program, Part II</i> (general talk for undergraduate), Student Seminar	Mar. 13, 2024
<i>From Riemann Hypothesis to Langlands Program, Part I</i> (general talk for undergraduate), Student Seminar	Feb. 28, 2024
<i>The asymptotics of <math>r(4, t)</math></i> (general paper reading talk), Dynamical System and Number Theory Seminar	Nov. 10, 2023
<i>An Introduction to Modular Forms, Part II</i> , Number Theory Seminar (online)	Dec. 28, 2022
<i>An Introduction to Modular Forms, Part I</i> , Number Theory Seminar (online)	Dec. 21, 2022
<b>University of South Carolina:</b>	
<i>Eisenstein series from an adelic point of view</i> , Algebra, Geometry, and Number Theory Seminar (online)	Apr. 15, 2022
<i>On dimensions of the spaces of Siegel modular forms</i> , Algebra, Geometry, and Number Theory Seminar (hybrid)	Oct. 29, 2021
<i>On counting cuspidal automorphic representations and an equidistribution theorem for <math>\mathrm{GSp}(4)</math></i> , Algebra, Geometry, and Number Theory Seminar (online)	Oct. 30, 2020
<i>Klingen vectors of level 2 for <math>\mathrm{GSp}(4)</math></i> , Number Theory Seminar	Oct. 31, 2019
<b>University of Oklahoma:</b>	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i> , Algebra and Representation Theory Seminar	Nov. 30, 2018
<i><math>\mathrm{Kl}(\mathfrak{p}^2)</math> vectors for <math>\mathrm{GSp}(4, F)</math></i> , Algebra and Representation Theory Seminar	Aug. 24, 2018
<i>An Introduction to <math>\mathrm{GSp}(4)</math></i> , Student Algebra Seminar	Mar. 26, 2018
<i>An Introduction to Modular Form</i> , Student Algebra Seminar	Oct. 26, 2017
<i>Induced modules</i> , Student Algebra Seminar	Apr. 7, 2017
<i>An introduction to Saito–Kurokawa Lifting</i> , Student Algebra Seminar	Sept. 26, 2016
<i>Automorphic representations</i> , Student Algebra Seminar	Apr. 26, 2016
<i>Representations of Weil Groups</i> , Student Algebra Seminar	Feb. 11, 2016
<i>Weil Groups and Representations</i> , Student Algebra Seminar	Feb. 4, 2016
<i>Projective varieties</i> , Student Algebra Seminar	Dec. 3, 2015
<i>Affine varieties and Algebraic varieties</i> , Student Algebra Seminar	Oct. 22, 2015
<i>Automorphisms and derivations of Lie algebras</i> , Student Algebra Seminar	May 1, 2015
<i>Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4)</math></i> , Algebra and Representation Theory Seminar	Apr. 3, 2015
<i>Haar measure</i> , Student Algebra Seminar	Sept. 17, 2014
<i>Haar measure, convolution, and characters of admissible representations, Part 2</i> , Student Algebra Seminar	Apr. 24, 2014

	<i>Haar measure, convolution, and characters of admissible representations</i> , Student Algebra Seminar	Apr. 17, 2014
	<i>Ramification and Bases, Part 2</i> , Student Algebra Seminar	Feb. 27, 2014
	<i>Ramification and Bases</i> , Student Algebra Seminar	Feb. 20, 2014
	<i>The Gelfand Transform</i> , Student Algebra Seminar	Oct. 17, 2013
	<i>Banach Algebras and the Gelfand Transform</i> , Student Algebra Seminar	Oct. 10, 2013
ACADEMIC SERVICE	Reviewer for <i>Mathematical Reviews</i> (MR) of AMS	Dec. 2020 - present
	Reviewer for The Manuscripta Mathematica (MAMA)	Apr. 2023 - present
	Reviewer for The Acta Arithmetica (AA)	Nov. 2023 - present
	Reviewer for The Research in Number Theory (RNTB)	Mar. 2024 - present
	Reviewer for a paper in an edited book (Springer), Mathematics (number theory)	May 2022
	A session chair @ WCNT 2021: Problems in Number Theory (online)	Dec. 16-19, 2021
	A session chair @ Workshop on Representations of Lie Groups and Automorphic Forms	May 26-28, 2023
	A session chair @ Workshop on Langlands Program and Representation Theory	Nov. 3-6, 2023
	Organizer @ <a href="#">Workshop on Number Theory and Representation Theory</a>	Dec 8-11, 2023
	<b>School of Mathematical Sciences (Xiamen University):</b>	
	<a href="#">Seminar</a>	Spring 2023 - present
	<b>Mathematics Department (University of South Carolina):</b>	
	<i>Lower division advising</i> for undergraduate students of math major	Fall 2019 - Spring 2022
	<i>Course transfer equivalency duties</i> (Course evaluations)	Fall 2019 - Spring 2022
	<i>Volunteer</i> for <a href="#">The 34th Annual High School Mathematics Contest</a>	Jan. 25, 2020
	<i>Volunteer</i> for Set-Up Team in Math Picnic (Events Committee)	2019
	<i>Volunteer</i> for Set-Up Team in End-of-Semester Holiday Drop In (Events Committee)	2019
	<b>Mathematics Department (University of Oklahoma):</b>	
	<i>Volunteer</i> for <a href="#">The 4th Annual Meeting of SIAM Central States Section</a>	2018
	<i>Volunteer</i> for <a href="#">TORA IX</a>	2018
	<i>Organizer</i> of the <a href="#">Student Algebra Seminar</a>	2015-2016
	<i>Volunteer</i> for <a href="#">20th Midwest Geometry Conference</a>	2015
	<i>Volunteer</i> for <a href="#">OU MATH DAY</a>	2013-2018
AWARDS, HONORS	National Natural Science Foundation of China	2024-2026
	Fundamental Research Funds for the Central Universities	2023-2025
	John Clark Brixey Graduate Scholarship –Awarded annually to PhD Students, Math. Department, OU	2016



Teaching Assistantship	2012 - 2019
– <i>Math. Department, University of Oklahoma</i>	
Outstanding Student Scholarship	2010
– <i>Awarded annually to undergraduate students, Math. Department, USTC</i>	

MEMBERSHIPS   American Mathematical Society (AMS)  
Chinese Mathematical Society (CMS)

CONFERENCES, WORKSHOPS ATTENDED ( *: ONLINE)	2024 Chengdu Workshop on Number Theory <i>Sichuan Normal University, Chengdu, Sichuan, China</i>	May 17-19, 2024
	Southeast Workshop on Algebraic Geometry <i>Xiamen University, Xiamen, Fujian, China</i>	Mar. 29-Apr. 1, 2024
	2024 Workshop on Number Theory and Applications <i>Southeast University &amp; Minnan Normal University, Nanjing, Jiangsu, China</i>	Mar. 8-11, 2024
	Working Seminar on Analytic Number Theory <i>Tsinghua Sanya International Mathematics Forum (TSIMF), Sanya, Hainan, China</i>	Feb. 19-23, 2024
	Symposium on Number Theory and Representation Theory VII <i>Zhejiang University, Hangzhou, Zhejiang, China</i>	Jan. 5-7, 2024
	<a href="#">Workshop on Number Theory and Representation Theory</a> (Organizer) <i>Xiamen University, Xiamen, Fujian, China</i>	Dec 8 - 11, 2023
	Langlands Correspondence, Automorphic Representations, and Related Topics <i>Wuhan University, Wuhan, Hubei, China</i>	Nov. 18-19, 2023
	Workshop on Langlands Program and Representation Theory <i>Xiamen University, Xiamen, Fujian, China</i>	Nov. 3-6, 2023
	The 3rd Cross Strait Workshop on Arithmetic Geometry <i>University of Science and Technology of China (USTC), Hefei, Anhui, China</i>	Aug. 18-23, 2023
	2023 Workshop on Automorphic Representations <i>Shandong University, Jinan, Shandong, China</i>	Aug. 14-18, 2023
	The eleventh Pan Asian Number Theory (PANT) Conference <i>Harbin Institute of Technology, Harbin, China</i>	Aug. 1-5, 2023
	Satellite Conference in Number Theory of International Congress of Basic Science <i>Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China</i>	July 10-14, 2023
	2023 USTC-HFUT Number Theory Conference <i>USTC-HFUT, Hefei, Anhui, China</i>	July 2-5, 2023
	2023 Workshop on Representations of Lie Groups and Automorphic Forms <i>Xiamen University, Xiamen, Fujian, China</i>	May 26-28, 2023
	2023 Fudan Number Theory Seminar <i>Fudan University, Shanghai, China</i>	May 13, 2023
	USTC-XJTU Number Theory Conference <i>University of Science and Technology of China (USTC), Hefei, Anhui, China</i>	Apr. 8-9, 2023
	22nd Fujian Province “Advanced Algebra” and “Linear Algebra” Course Construction Conference <i>Minnan Normal University, Zhangzhou, Fujian, China</i>	Mar. 24-26, 2023



Shimura Varieties and $L$ -Functions*	Mar. 13-17, 2023
<i>Mathematical Sciences Research Institute (MSRI), Berkeley, CA, USA</i>	
Zeta functions and their representations*	Mar. 6-8, 2023
<i>Research Institute for Mathematical Sciences (RIMS Symposium), Kyoto, Japan</i>	
Instructional workshop on Iwasawa theory for automorphic forms*	Dec. 19-22, 2022
<i>Korea Institute for advanced Study (KIAS), Seoul, Republic of Korea</i>	
International Conference on $L$ -Functions and Related Themes*	Aug. 5-9, 2022
<i>Minnan Normal University, Zhangzhou, Fujian, China</i>	
AMS Special Session on Recent Advances on the Langlands Program*	May 14-15, 2022
<i>Spring Western Sectional Meeting (formerly at University of Denver)</i>	
34th Automorphic Forms Workshop* <i>Brigham Young University, Provo, Utah</i>	Mar. 16-19, 2022
2022 Southern Regional Number Theory Conference* <i>Louisiana State University</i>	Mar. 12-13, 2022
Southern California Number Theory Day*	Feb. 5, 2022
WCNT 2021: Problems in Number Theory*	Dec. 16-19, 2021
Palmetto Joint Arithmetic, Modularity, and Analysis Series III*	Sept. 25-26, 2021
Women in automorphic forms* <i>Bielefeld University</i>	Sept. 20-22, 2021
miniMAGNTS 2021*	Aug. 11, 2021
Theta Series: Representation Theory, Geometry, and Arithmetic* <i>in honor of Steve Kudla 70th birthday</i>	July 5-9, 2021
Around Frobenius distributions and related topics II*	June 28-29, 2021
Curves over Finite Fields: Past, Present and Future*	May 25-29, 2021
Rational Points and Galois Representations* <i>University of Pittsburgh</i>	May 10-12, 2021
Front Range Number Theory Day*	Apr. 24, 2021
Mid-Atlantic Seminar On Numbers V*	Mar. 27-28, 2021
Palmetto Joint Arithmetic, Modularity, and Analysis Series II*	Dec. 5-6, 2020
2020 Paul J. Sally, Jr. Midwest Representation Theory Conference*	Oct. 16-18, 2020
Number Theory Down Under 8 (NTDU8)*	Oct. 6-8, 2020
Québec-Maine Number Theory Conference*	Sept. 26-27, 2020
Front Range Number Theory Day*	Sept. 26, 2020
Palmetto Joint Arithmetic, Modularity, and Analysis Series*	Sept. 19-20, 2020
Chicago Number Theory Day (CNTD 2020)*	June 20, 2020
Online Conference in Automorphic Forms* Automorphic Forms in Budapest 2020	June 1-5, 2020
Cross Atlantic Representation Theory and Other topics Online*	May 29-31, 2020
S. I. Adian memorial conference, Moscow*	May 26-27, 2020
Conference on Representation Theory and Algebraic Analysis* <i>in honor of Joseph Bernstein on the occasion of his 75th birthday</i>	May 11-14, 2020
DG methods in commutative algebra and representation theory*	May 2-3, 2020

Front Range Number Theory Day*	Apr. 25, 2020
AGONIZE: Arithmetic Geometry is ONline In Zoom, Everyone*	Mar. 25, 2020
PANTS XXXIII: Palmetto Number Theory Series XXXIII <i>in celebration of the 60th birthday of Michael Filaseta</i> Clemson University, Clemson, SC, USA	Dec. 14-15, 2019
Modular Forms, Arithmetic, and Women in Mathematics (MAAIM) Emory University, Atlanta, GA, USA	Nov. 1-3, 2019
PANTS XXXII: Palmetto Number Theory Series XXXII University of North Carolina at Charlotte, Charlotte, NC, USA	Sept. 21-22, 2019
Boston University-Keio University Workshop in Number Theory 2019 Boston University, Boston, MA, USA	June 24-28, 2019
49th John H. Barrett Memorial Lectures: Recent Developments in Number Theory University of Tennessee, Knoxville, TN, USA	May 28-30, 2019
Ninth Annual Upstate Number Theory Conference Cornell University, Ithaca, NY, USA	Apr. 27-28, 2019
TORA X: Texas–Oklahoma Representations and Automorphic Forms X University of North Texas, Denton, TX, USA	Apr. 5-7, 2019
Hawaii Number Theory 2019 (HINT 2019) University of Hawai'i at Mānoa, Honolulu, HI, USA	Mar. 18-21, 2019
33rd Automorphic Forms Workshop Duquesne University, Pittsburgh, PA, USA	Mar. 6-10, 2019
Graduate Algebra Symposium(Joint with UTA, UNT, and OU) University of Oklahoma, Norman, OK, USA	Mar. 2, 2019
JMM 2019: Joint Mathematics Meetings 2019 The Baltimore Convention Center, Baltimore, MD, USA	Jan. 17-19, 2019
PANTS XXXI: Palmetto Number Theory Series XXXI University of South Carolina, Columbia, SC, USA	Dec. 8-9, 2018
TORA IX: Texas–Oklahoma Representations and Automorphic Forms IX University of Oklahoma, Norman, OK, USA	Apr. 7-8, 2018
The 2017 Paul J. Sally, Jr. Midwest Representation Theory Conference <i>Honoring the 70th Birthday of Freydoon Shahidi</i> Purdue University, West Lafayette, IN, USA	Oct. 20-22, 2017
TORA VIII: Texas–Oklahoma Representations and Automorphic Forms VIII Oklahoma State University, Stillwater, OK, USA	Mar. 31-Apr. 2, 2017
31st Automorphic Forms Workshop East Tennessee State University, Johnson City, TN, USA	Mar. 6-9, 2017
Graduate Algebra Symposium(Joint with UTA, UNT, and OU) University of North Texas, Denton, TX, USA	Nov. 5, 2016
TORA VII: Texas–Oklahoma Representations and Automorphic Forms VII University of North Texas, Denton, TX, USA	Apr. 8-10, 2016
Graduate Algebra Symposium(Joint with UTA, UNT, and OU) University of Oklahoma, Norman, OK, USA	Mar. 5, 2016

TORAS I: Texas-Oklahoma Representations and Automorphic Forms for Students  
University of Oklahoma, Norman, OK, USA Mar. 28-29, 2015

Graduate Algebra Symposium(Joint with UTA, UNT, and OU)  
University of Oklahoma, Norman, OK, USA Oct. 4, 2014

TORA VI: Texas—Oklahoma Representations and Automorphic Forms VI  
University of Oklahoma, Norman, OK, USA Mar. 7-9, 2014

Graduate Algebra Symposium(Joint with UTA, UNT, and OU)  
University of North Texas, Denton, TX, USA Nov. 9, 2013

MINI COURSES [Core topics in modern number theory. I'](#) Dec. 1, 2022- Apr. 20, 2023  
ONLINE Instructors: Ivan Fesenko, The University of Warwick

Trimester Program on [Harmonic Analysis and Analytic Number Theory](#) May 3- Aug. 20, 2021  
Organizers: Valentin Blomer, Farrell Brumley, Philip Gressman, Marina Iliopoulou, Lillian B. Pierce

[Spring School towards a mod  \$p\$  Langlands correspondence](#) Apr. 26-30, 2021  
Instructors: Christophe Breuil, Florian Herzig, Yongquan Hu, Stefano Morra, Benjamin Schraen

[Fourier methods in combinatorial number theory](#) Nov. 4- Dec. 9, 2020  
Instructor: Sean Prendiville, Lancaster University

[AGITTOC 2020: Algebraic Geometry in the Time of COVID](#)  
[Math 216: Foundations of Algebraic Geometry](#) June 27- Sept. 12, 2020  
Instructor: Ravi Vakil, Stanford University

[Tianyuan Mathematical Center in Southeast China \(TMSE\) Minicourse](#) Aug. 9-17, 2020  
Exponential sums over finite fields, Instructor: Daqing Wan (UCI)  
The evolvment of Galois's idea in number theory: from Galois theory to Galois representations,  
Instructor: Yi Ouyang (USTC)  
Introduction to modular form, Instructor: Shanwen Wang (RUC)

[Torsion subgroups of modular Jacobian varieties over abelian fields](#) July 20-31, 2020  
Instructor: Yuan Ren, Sichuan Normal University (@ USTC)

[Distribution of prime numbers](#) May 1-3, 2020  
Instructor: Jie Wu, Université Paris-Est Créteil (@ Soochow University)

TRAININGS **Xiamen University:**

2023 Training for New Graduate Advisors Nov. 25, 2023

2023 Provincial Undergraduate Courses Teacher Training Nov. 1-3, 2023

New Faculty Training part II Dec. 17-18, 2022

New Faculty Training part I Nov. 14-15, 19, 2022

**University of South Carolina:**

CAS Faculty Development Program (FDP) Fall 2019-Spring 2020  
*–Introduction to the resources of the National Center for Faculty Development and Diversity, other practical tips and information needed to be successful in their research, teaching, and service endeavors.*

New Faculty Academy (NFA) Fall 2019-Spring 2020  
*–Certificate obtained by participating in six or more NFA sessions scheduled during the year*

Online short course: Technology for Online Teaching and Learning Oct. 29- Dec. 9, 2019  
*–Certificate obtained by completing the 6-week online course on integrating technology for online course delivery to transform learning environments*

2019 Oktoberbest: A Celebration of Teaching Oct. 18, 2019  
*–One-day symposium focused on sharing best practices in teaching.*

**University of Oklahoma:**

Endorsement in Preparation for Teaching Undergraduate Mathematics 2019  
*–Certificate obtained by completing 6 credit hours of course work in undergraduate mathematics education and teaching atleast one class as the instructor of record*

Academic Writing for Multilingual Graduate Students Winter 2019  
*–Course certificate obtained by enrolling in a two weeks graduate course*

The International Instructor Training Course Fall 2018  
*–Course certificate obtained by enrolling in a semester graduate course*

The ETCS English Fast Track Course Summer 2018  
*–Course certificate obtained by enrolling in a two weeks graduate course*

Development for International Teaching Assistant Training 2012  
*–Mandatory teacher training program for international students*

INVITED VISITS	College of Mathematics, Sichuan University	May 17, 2024
	Institute of Mathematical Sciences, ShanghaiTech University	Apr. 10-12, 2024
	School of Mathematical Sciences, University of Science and Technology of China	Dec. 20-21, 2023
	School of Mathematics and Statistics, Shaanxi Normal University	Aug. 23-30, 2023
	School of Mathematical Sciences, Nankai University	July 5-9, 2023
	The Division of Physics, Mathematics and Astronomy, Caltech	June 1-9, 2019
	Department of Computing and Mathematical Sciences, Cameron University	Apr. 16, 2019
	School of Mathematical and Statistical Sciences, Clemson University	Feb. 26-27, 2019
	Department of Mathematics, Oklahoma State University	Feb. 13, 2019

UNDERGRAD SUMMER CAMP	Chinese Academy of Sciences (CAS), Beijing, China	Summer, 2011
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COMPUTER SKILLS	$\text{\LaTeX}$ , Mathematica, HTML, CoCalc, SAGE, Magma
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LANGUAGES	Chinese (native), English (fluent)
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