

CONTACT INFORMATION	School of Mathematical Sciences	Email: yishaoyun926@xmu.edu.cn
	Xiamen University	yishaoyun926@gmail.com
	No. 422, Siming South Road	Webpage: <a href="https://yishaoyun.github.io/syi/">https://yishaoyun.github.io/syi/</a>
	Xiamen, Fujian, China 361005	<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> .	May 2014 - May 2019
	M.A., Mathematics.	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	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> ].	
	2. <b>On Erdős covering systems in global function fields</b> (with Huixi Li, Biao Wang and Chunlin Wang). <i>Revised</i> , 2024. [ <a href="#">arXiv</a> ].	
	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> ].	
	4. <b>On the Covering Systems of Polynomial Rings over Finite Fields</b> (with Huixi Li, Biao Wang and Chunlin Wang). <i>Published online in Proceedings of the American Mathematical Society</i> , 2024. [ <a href="#">arXiv</a> , <a href="#">DOI</a> ].	
	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> ].	
	6. <b>On distinguishing Siegel cusp forms of degree two</b> (with Zhining Wei). <i>Submitted</i> , 2022. [ <a href="#">arXiv</a> ].	
	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> ].	
	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> ].	

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="#">Advanced Algebra I</a>	Fall 2024
<a href="#">Elementary Number Theory</a>	Fall 2024
<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

Graduate Teaching Assistant, Department of Mathematics, University of Oklahoma

**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

*A brief introduction to modular forms,*

Ocean University of China, Qingdao, Shandong, China

July. 25, 2024

*On Siegel modular forms of degree 2,*

Shenzhen MSU-BIT University, Shenzhen, Guangdong, China

July. 12, 2024

*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  $\mathrm{GSp}(4)$ ,* July 6, 2023  
Nankai University, Tianjin, China (hybrid)
- On Eisenstein series of weight 2* (online), Nov. 30, 2022  
Chengdu University of Technology, Chengdu, Sichuan, China
- Classical and adelic Eisenstein series* (online), Nov. 28, 2022  
Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Beijing, China
- 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*, Dec. 10, 2021  
Nankai University, Tianjin, China (online)
- Dimension formulas for spaces of Siegel modular forms of Klingen level 4*, Dec. 6, 2021  
Sun Yat-sen University (Zhuhai), Zhuhai, Guangdong, China (online)
- Siegel modular forms of degree 2 and Klingen level 4* (online), Nov. 17, 2021  
Morningside Seminar on Number Theory, Morningside Center of Mathematics, Beijing, China
- Siegel modular forms of degree 2 and Klingen level 4*, Nov. 2, 2021  
University of Science and Technology of China, Hefei, Anhui, China (online)
- An equidistribution theorem for cuspidal automorphic representations of  $\mathrm{GSp}(4)$* , Jan. 29, 2021  
Sichuan University, Chengdu, Sichuan, China (online)
- 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  $\mathrm{GSp}(4)$* , Oct. 22, 2020  
Shandong University, Jinan, Shandong, China (online)
- A bridge between modular forms theory and representation theory*, Apr. 16, 2019  
Cameron University Math Seminar Series, Cameron University, Lawton, OK, USA
- Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$* , Feb. 26, 2019  
Algebraic Geometry and Number Theory Seminar, Clemson University, Clemson, SC, USA
- Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$* , Feb. 13, 2019  
Lie Groups Seminar, Oklahoma State University, Stillwater, OK, USA

CONTRIBUTED TALKS *An Introduction to Modular Forms* Dec. 15, 2022  
Analytic Number Theory Seminar, School of Mathematical Sciences, Nankai University (online)

<i>Classical and adelic Eisenstein series of weight 2</i>	Mar. 19, 2022
34th Automorphic Forms Workshop, Brigham Young University (online)	
<i>On certain Siegel modular forms of level 4</i>	Mar. 13, 2022
2022 Southern Regional Number Theory Conference, Louisiana State University (online)	
<i>On dimension formulas of Siegel modular forms of level 4</i>	Dec. 17, 2021
WCNT 2021: Problems in Number Theory (online)	
<i>Siegel modular forms of level 4</i>	Sept. 26, 2021
Palmetto Joint Arithmetic, Modularity, and Analysis Series III (online)	
<i>Dimension formulas of Siegel cusp forms for certain congruence subgroups</i>	Sept. 21, 2021
Women in automorphic forms, Bielefeld University (online)	
<i>On counting cuspidal automorphic representations of <math>\mathrm{GSp}(4)</math></i>	June 1, 2021
New Developments in Number Theory (online)	
<i>On counting cuspidal automorphic representations of <math>\mathrm{GSp}(4)</math></i>	Mar. 28, 2021
Mid-Atlantic Seminar On Numbers V (online)	
<i>Analogues of Alladi's formula over global function fields</i>	Dec. 6, 2020
Palmetto Joint Arithmetic, Modularity, and Analysis Series II (online)	
<i>On counting cuspidal automorphic representations for <math>\mathrm{GSp}(4)</math></i>	Sept. 26, 2020
Front Range Number Theory Day (online)	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i>	Apr. 28, 2019
Ninth Annual Upstate Number Theory Conference, Cornell University	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i>	Apr. 6, 2019
TORA X, University of North Texas	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i>	Mar. 10, 2019
33rd Automorphic Forms Workshop, Duquesne University	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math></i>	Mar. 2, 2019
Graduate Algebra Symposium, University of Oklahoma	
<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4, F)</math></i>	Dec. 8, 2018
PANTS XXXI, University of South Carolina	
<i><math>\mathrm{Kl}(\mathfrak{p}^2)</math> vectors for <math>\mathrm{GSp}(4, F)</math></i>	Apr. 7, 2018
TORA IX, University of Oklahoma	
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for <math>\mathrm{GSp}(4, F)</math></i>	Mar. 8, 2017
31st Automorphic Forms Workshop, East Tennessee State University	
<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>	Nov. 5, 2016
Graduate Algebra Symposium, University of North Texas	
<i>Dimensions of <math>\mathrm{Kl}(\mathfrak{p}^2)</math>-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4, F)</math></i>	Apr. 10, 2016
TORA VII, University of North Texas	
<i>Dimensions of Parahori-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4)</math></i>	Mar. 5, 2016
Graduate Algebra Symposium, University of Oklahoma	
<i>Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of <math>\mathrm{GSp}(4)</math></i>	Mar. 28, 2015
TORAS I, University of Oklahoma	

POSTER  
SESSIONS

<i>Klingen <math>\mathfrak{p}^2</math> vectors for <math>\mathrm{GSp}(4)</math> and applications</i>	June 24, 2019
Boston University-Keio University Workshop in Number Theory 2019, Boston University	

*Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$  and applications*  
 TORA X, University of North Texas

Apr. 6, 2019

*Dimensions of  $\mathrm{Kl}(\mathfrak{p}^2)$ -invariant vectors for Iwahori-spherical representations of  $\mathrm{GSp}(4, F)$*   
 TORA VII, University of North Texas

Apr. 10, 2016

## DEPARTMENTAL Xiamen University

- SEMINAR TALKS *An Invitation to Modular Forms* (general talk for undergraduate), June 5, 2024  
[Student Seminar](#)
- Introduction to Sarnak's conjecture, II* (general paper reading talk), Mar. 21, 2024  
[Dynamical System and Number Theory Seminar](#) (online)
- Introduction to Sarnak's conjecture, I* (general paper reading talk), Mar. 14, 2024  
[Dynamical System and Number Theory Seminar](#) (online)
- From Riemann Hypothesis to Langlands Program, Part II* (general talk for undergraduate), Mar. 13, 2024  
[Student Seminar](#)
- From Riemann Hypothesis to Langlands Program, Part I* (general talk for undergraduate), Feb. 28, 2024  
[Student Seminar](#)
- The asymptotics of  $r(4, t)$*  (general paper reading talk), Nov. 10, 2023  
[Dynamical System and Number Theory Seminar](#)
- An Introduction to Modular Forms, Part II*, Dec. 28, 2022  
 Number Theory Seminar (online)
- An Introduction to Modular Forms, Part I*, Dec. 21, 2022  
 Number Theory Seminar (online)

## University of South Carolina:

- Eisenstein series from an adelic point of view*, Apr. 15, 2022  
 Algebra, Geometry, and Number Theory Seminar (online)
- On dimensions of the spaces of Siegel modular forms*, Oct. 29, 2021  
 Algebra, Geometry, and Number Theory Seminar (hybrid)
- On counting cuspidal automorphic representations and an equidistribution theorem for  $\mathrm{GSp}(4)$* , Oct. 30, 2020  
 Algebra, Geometry, and Number Theory Seminar (online)
- Klingen vectors of level 2 for  $\mathrm{GSp}(4)$* , Oct. 31, 2019  
 Number Theory Seminar

## University of Oklahoma:

- Klingen  $\mathfrak{p}^2$  vectors for  $\mathrm{GSp}(4)$* , Algebra and Representation Theory Seminar Nov. 30, 2018
- $\mathrm{Kl}(\mathfrak{p}^2)$  vectors for  $\mathrm{GSp}(4, F)$* , Algebra and Representation Theory Seminar Aug. 24, 2018
- An Introduction to  $\mathrm{GSp}(4)$* , Student Algebra Seminar Mar. 26, 2018
- An Introduction to Modular Form*, Student Algebra Seminar Oct. 26, 2017
- Induced modules*, Student Algebra Seminar Apr. 7, 2017
- An introduction to Saito–Kurokawa Lifting*, Student Algebra Seminar Sept. 26, 2016
- Automorphic representations*, Student Algebra Seminar Apr. 26, 2016
- Representations of Weil Groups*, 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 International Journal of Number Theory (IJNT)	June 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

#### **School of Mathematical Sciences (Xiamen University):**

<a href="#">Seminar</a>	Spring 2023 - present
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#### **Mathematics Department (University of South Carolina):**

<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

#### **Mathematics Department (University of Oklahoma):**



	<i>Volunteer for</i> <a href="#">The 4th Annual Meeting of SIAM Central States Section</a>	2018
	<i>Volunteer for</i> <a href="#">TORA IX</a>	2018
	<i>Organizer of the</i> <a href="#">Student Algebra Seminar</a>	2015 - 2016
	<i>Volunteer for</i> <a href="#">20th Midwest Geometry Conference</a>	2015
	<i>Volunteer for</i> <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 – <i>Awarded annually to PhD Students, Math. Department, OU</i>	2016
	Teaching Assistantship – <i>Math. Department, University of Oklahoma</i>	2012 - 2019
	Outstanding Student Scholarship – <i>Awarded annually to undergraduate students, Math. Department, USTC</i>	2010
MEMBERSHIPS	American Mathematical Society (AMS)	
	Chinese Mathematical Society (CMS)	
CONFERENCES, WORKSHOPS ATTENDED ( *: ONLINE)	2024 Chen Jing-Run Prize Conference <i>Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China</i>	July 29-31, 2024
	Working Seminar on Analytic Number Theory II <i>Lanzhou University, Lanzhou, Gansu, China</i>	July 7-11, 2024
	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 <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* <i>Mathematical Sciences Research Institute (MSRI), Berkeley, CA, USA</i>	Mar. 13-17, 2023
Zeta functions and their representations* <i>Research Institute for Mathematical Sciences (RIMS Symposium), Kyoto, Japan</i>	Mar. 6-8, 2023
Instructional workshop on Iwasawa theory for automorphic forms* <i>Korea Institute for advanced Study (KIAS), Seoul, Republic of Korea</i>	Dec. 19-22, 2022
International Conference on $L$ -Functions and Related Themes* <i>Minnan Normal University, Zhangzhou, Fujian, China</i>	Aug. 5-9, 2022
AMS Special Session on Recent Advances on the Langlands Program* <i>Spring Western Sectional Meeting (formerly at University of Denver)</i>	May 14-15, 2022
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*	June 1-5, 2020
Automorphic Forms in Budapest 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  
*Honoring the 70th Birthday of Freydoon Shahidi*  
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 evolution 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:**

Teaching Training Summer Camp	July 21 - 24, 2024
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
<i>–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.</i>	
New Faculty Academy (NFA)	Fall 2019 - Spring 2020
<i>–Certificate obtained by participating in six or more NFA sessions scheduled during the year</i>	
Online short course: Technology for Online Teaching and Learning	Oct. 29 - Dec. 9, 2019
<i>–Certificate obtained by completing the 6-week online course on integrating technology for online course delivery to transform learning environments</i>	
2019 Oktoberbest: A Celebration of Teaching	Oct. 18, 2019
<i>–One-day symposium focused on sharing best practices in teaching.</i>	

### **University of Oklahoma:**

Endorsement in Preparation for Teaching Undergraduate Mathematics	2019
<i>–Certificate obtained by completing 6 credit hours of course work in undergraduate mathematics education and teaching atleast one class as the instructor of record</i>	
Academic Writing for Multilingual Graduate Students	Winter 2019
<i>–Course certificate obtained by enrolling in a two weeks graduate course</i>	
The International Instructor Training Course	Fall 2018
<i>–Course certificate obtained by enrolling in a semester graduate course</i>	
The ETCS English Fast Track Course	Summer 2018
<i>–Course certificate obtained by enrolling in a two weeks graduate course</i>	
Development for International Teaching Assistant Training	2012
<i>–Mandatory teacher training program for international students</i>	

INVITED VISITS	School of Mathematical Sciences, Nankai University	Aug. 1 - 10, 2024
	School of Mathematical Sciences, Ocean University of China	July 25 - 28, 2024
	Shenzhen MSU-BIT University	July 12 - 14, 2024
	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

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

Summer, 2011