CONTACT INFORMATION

School of Mathematical Sciences
Xiamen University
No. 422, Siming South Road
Xiamen, Fujian, China 361005

Email: yishaoyun926@xmu.edu.cn
      yishaoyun926@gmail.com
Webpage: https://yishaoyun.github.io/syi/
      https://math.xmu.edu.cn/info/1083/17409.htm

EMPLOYMENT

Xiamen University, Xiamen, Fujian, China
Assistant Professor   Sept. 2022 - present

University of South Carolina, Columbia, SC, USA
Instructor   Aug. 2019 - July 2022

EDUCATION

University of Oklahoma, Norman, OK, USA

Ph.D., Mathematics. Advisor: Ralf Schmidt.   May 2014 - May 2019

M.A., Mathematics.   Aug. 2012 - May 2014

University of Science and Technology of China, Hefei, Anhui, China

B.S., Mathematics.   Sept. 2008 - July 2012

RESEARCH INTERESTS

Number Theory & Representation Theory

RESEARCH PROFILES

arXiv, MathSciNet, ORCID, Google Scholar, ResearchGate, Semantic Scholar

PUBLICATIONS & PREPRINTS

1. **Some ergodic theorems over squarefree numbers**
   (with Huixi Li, Biao Wang and Chunlin Wang).
   Submitted, 2024. [arXiv].

2. **On Erdős covering systems in global function fields**
   (with Huixi Li, Biao Wang and Chunlin Wang).
   Journal of Number Theory 266 (2025), 269-280. [arXiv, DOI].

3. **Some remarks on strong multiplicity one for paramodular forms**
   (with Xiyuan Wang, Zhining Wei and Pan Yan).
   Submitted, 2023. [arXiv].

4. **On the Covering Systems of Polynomial Rings over Finite Fields**
   (with Huixi Li, Biao Wang and Chunlin Wang).
   Proceedings of the American Mathematical Society 152 (2024), no. 9, 3731-3742. [arXiv, DOI].

5. **On the minimum modulus problem in number fields**
   (with Huixi Li and Biao Wang).
   Submitted, 2023. [arXiv].

6. **On distinguishing Siegel cusp forms of degree two**
   (with Zhining Wei).
   Submitted, 2022. [arXiv].

7. **Dimension formulas for Siegel modular forms of level 4**
   (with Manami Roy and Ralf Schmidt, and with an appendix by Cris Poor and David Yuen).
   Mathematika 69 (2023), no. 3, 795-840. [arXiv, DOI].

8. **Generalizations of the Erdős-Kac Theorem and the Prime Number Theorem**
   (with Biao Wang, Zhining Wei and Pan Yan).
   Published online in Communications in Mathematics and Statistics, 2023. [arXiv, DOI].

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** 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** GSp(4).
    The Ramanujan Journal 54 (2021), no. 3, 511-554. [SharedIt link, DOI].

15. **Klingen vectors of level** 2 **for** GSp(4).
    Ph.D. Thesis, University of Oklahoma, 2019. [PDF].

TEACHING EXPERIENCE	Assistant Professor, School of Mathematical Sciences, Xiamen University	
	Instructor of Record	
	No Teaching	Spring 2025
	Advanced Algebra I	Fall 2024
	Elementary Number Theory	Fall 2024
	Function Theory of One Complex Variable	Spring 2024
	Advanced Algebra I	Fall 2023
	Elementary Number Theory	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	
	Math 142 Calculus II	Spring 2022
	Math 546/701I Algebraic Structures I	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
	Math 546/701I Algebraic Structures I (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
	Math 546/701I Algebraic Structures I (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 *Some results on refined strong multiplicity one for paramodular forms*, 2024 Summer Conference on Number Theory, Wuhan University, Wuhan, Hubei, China — Aug. 28, 2024

A brief introduction to classical modular forms, — Aug. 9, 2024
Nankai University, Tianjin, China

On Siegel modular forms of degree 2, — July 12, 2024
Shenzhen MSU-BIT University, Shenzhen, Guangdong, China

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

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

Computing dimension formulas of Siegel modular forms from representation theory of GSp(4),
Wuhan University, Wuhan, Hubei, China (online) — Sept. 6, 2023

An introduction to classical modular forms and their generalizations, — Aug. 24, 2023
Shaanxi Normal University, Xian, Shaanxi, China

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

Siegel modular forms of degree 2 *and representation theory of* 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 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 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 GSp(4),   Jan. 29, 2021
Sichuan University, Chengdu, Sichuan, China (online)

The equidistribution theorem for a certain family of cuspidal automorphic representations for GSp(4), Capital Normal University, Beijing, China (online)   Nov. 14, 2020

An equidistribution theorem for 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 GSp(4), Algebra Seminar, University of North Texas, Denton, TX, USA (online)   Oct. 23, 2020

An equidistribution theorem for cuspidal automorphic representations for 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* GSp(4),   Feb. 26, 2019
Algebraic Geometry and Number Theory Seminar, Clemson University, Clemson, SC, USA

Klingen $\mathfrak{p}^2$ *vectors for* 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)

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)

Dimension formulas of Siegel cusp forms for certain congruence subgroups   Sept. 21, 2021
Women in automorphic forms, Bielefeld University (online)

On counting cuspidal automorphic representations of $\mathrm{GSp}(4)$ June 1, 2021
New Developments in Number Theory (online)

On counting cuspidal automorphic representations of $\mathrm{GSp}(4)$ Mar. 28, 2021
Mid-Atlantic Seminar On Numbers V (online)

Analogues of Alladi's formula over global function fields   Dec. 6, 2020
PAlmetto Joint Arithmetic, Modularity, and Analysis Series II (online)

On counting cuspidal automorphic representations for $\mathrm{GSp}(4)$ Sept. 26, 2020
Front Range Number Theory Day (online)

Klingen $\mathfrak{p}^2$ *vectors for* $\mathrm{GSp}(4)$ Apr. 28, 2019
Ninth Annual Upstate Number Theory Conference, Cornell University

Klingen $\mathfrak{p}^2$ *vectors for* $\mathrm{GSp}(4)$ Apr. 6, 2019
TORA X, University of North Texas

Klingen $\mathfrak{p}^2$ *vectors for* $\mathrm{GSp}(4)$ Mar. 10, 2019
33rd Automorphic Forms Workshop, Duquesne University

Klingen $\mathfrak{p}^2$ *vectors for* $\mathrm{GSp}(4)$ Mar. 2, 2019
Graduate Algebra Symposium, University of Oklahoma

Klingen $\mathfrak{p}^2$ *vectors for* $\mathrm{GSp}(4,F)$ Dec. 8, 2018
PANTS XXXI, University of South Carolina

$\mathrm{Kl}(\mathfrak{p}^2)$ *vectors for* $\mathrm{GSp}(4,F)$ Apr. 7, 2018
TORA IX, University of Oklahoma

Dimensions of $\mathrm{Kl}(\mathfrak{p}^2)$*-invariant vectors for* $\mathrm{GSp}(4,F)$ Mar. 8, 2017
31st Automorphic Forms Workshop, East Tennessee State University

Dimensions of $\mathrm{Kl}(\mathfrak{p}^2)$*-invariant vectors for irreducible non-supercuspidal representations of* $\mathrm{GSp}(4,F)$
Graduate Algebra Symposium, University of North Texas   Nov. 5, 2016

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

Dimensions of Parahori-invariant vectors for Iwahori-spherical representations of $\mathrm{GSp}(4)$
Graduate Algebra Symposium, University of Oklahoma   Mar. 5, 2016

Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of $\mathrm{GSp}(4)$
TORAS I, University of Oklahoma   Mar. 28, 2015

Poster sessions	*Klingen* $\mathfrak{p}^2$ *vectors for* GSp(4) *and applications* Boston University-Keio University Workshop in Number Theory 2019, Boston University	June 24, 2019
	Klingen $\mathfrak{p}^2$ *vectors for* 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* GSp$(4, F)$ TORA VII, University of North Texas	Apr. 10, 2016

Departmental seminar talks

Xiamen University

A friendly introduction to modular forms (general talk for undergraduate), Elementary Number Theory-Fall 2024	Dec. 16, 2024
A brief introduction to Riemann Hypothesis (general talk for undergraduate), Elementary Number Theory-Fall 2024	Dec. 9, 2024
An informal introduction to automorphic representations (general talk for undergraduate), Student Seminar	Nov. 27, 2024
An Invitation to Modular Forms (general talk for undergraduate), Student Seminar	June 5, 2024
Introduction to Sarnak's conjecture, II (general paper reading talk), Dynamical System and Number Theory Seminar (online)	Mar. 21, 2024
Introduction to Sarnak's conjecture, I (general paper reading talk), Dynamical System and Number Theory Seminar (online)	Mar. 14, 2024
From Riemann Hypothesis to Langlands Program, Part II (general talk for undergraduate), Student Seminar	Mar. 13, 2024
From Riemann Hypothesis to Langlands Program, Part I (general talk for undergraduate), Student Seminar	Feb. 28, 2024
The asymptotics of $r(4, t)$ (general paper reading talk), Dynamical System and Number Theory Seminar	Nov. 10, 2023
An Introduction to Modular Forms, Part II, Number Theory Seminar (online)	Dec. 28, 2022
An Introduction to Modular Forms, Part I, Number Theory Seminar (online)	Dec. 21, 2022

University of South Carolina:

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

University of Oklahoma:

Klingen $\mathfrak{p}^2$ *vectors for* GSp(4), Algebra and Representation Theory Seminar	Nov. 30, 2018
Kl($\mathfrak{p}^2$) *vectors for* GSp(4, F), Algebra and Representation Theory Seminar	Aug. 24, 2018
An Introduction to 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
Weil Groups and Representations, Student Algebra Seminar	Feb. 4, 2016
Projective varieties, Student Algebra Seminar	Dec. 3, 2015
Affine varieties and Algebraic varieties, Student Algebra Seminar	Oct. 22, 2015
Automorphisms and derivations of Lie algebras, Student Algebra Seminar	May 1,2015
Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of GSp(4), Algebra and Representation Theory Seminar	Apr. 3, 2015
Haar measure, Student Algebra Seminar	Sept. 17, 2014
Haar measure, convolution, and characters of admissible representations, Part 2, Student Algebra Seminar	Apr. 24, 2014
Haar measure, convolution, and characters of admissible representations, Student Algebra Seminar	Apr. 17, 2014
Ramification and Bases, Part 2, Student Algebra Seminar	Feb. 27, 2014
Ramification and Bases, Student Algebra Seminar	Feb. 20, 2014
The Gelfand Transform, Student Algebra Seminar	Oct. 17, 2013
Banach Algebras and the Gelfand Transform, Student Algebra Seminar	Oct. 10, 2013

ACADEMIC SERVICE

Reviewer for *Mathematical Reviews* (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 @ Workshop on Number Theory and Representation Theory	Dec 8 - 11, 2023

Organizer @ Workshop on Number Theory — Dec 6 - 9, 2024

School of Mathematical Sciences (Xiamen University):

Seminar — Spring 2023 - present

Mathematics Department (University of South Carolina):

Lower division advising for undergraduate students of math major — Fall 2019 - Spring 2022

Course transfer equivalency duties (Course evaluations) — Fall 2019 - Spring 2022

Volunteer for The 34th Annual High School Mathematics Contest — Jan. 25, 2020

Volunteer for Set-Up Team in Math Picnic (Events Committee) — 2019

Volunteer for Set-Up Team in End-of-Semester Holiday Drop In (Events Committee) — 2019

Mathematics Department (University of Oklahoma):

Volunteer for The 4th Annual Meeting of SIAM Central States Section — 2018

Volunteer for TORA IX — 2018

Organizer of the Student Algebra Seminar — 2015 - 2016

Volunteer for 20th Midwest Geometry Conference — 2015

Volunteer for OU MATH DAY — 2013 - 2018

Awards, Honors		
National Natural Science Foundation of China (Participated)		2025-2028
National Natural Science Foundation of China (PI)		2024-2026
Fundamental Research Funds for the Central Universities (PI)		2023-2025
John Clark Brixey Graduate Scholarship *–Awarded annually to PhD Students, Math. Department, OU*		2016
Teaching Assistantship *–Math. Department, University of Oklahoma*		2012 - 2019
Outstanding Student Scholarship *–Awarded annually to undergraduate students, Math. Department, USTC*		2010

Memberships		
American Mathematical Society (AMS)		Aug. 2012 - present
Chinese Mathematical Society (CMS)		Nov. 2022 - present

Conferences, Workshops attended (*: online)

Workshop on Number Theory (Organizer)
Xiamen University, Xiamen, Fujian, China — Dec 6 - 9, 2024

2024 Summer Conference on Number Theory
Wuhan University, Wuhan, Hubei, China — Aug. 26-30, 2024

2024 Chen Jing-Run Prize Conference
Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China — July 29-31, 2024

Workshop on Representation Theory of Lie Groups and Related Topics
Xiamen University, Xiamen, Fujian, China — July 18-21, 2024

Working Seminar on Analytic Number Theory II
Lanzhou University, Lanzhou, Gansu, China — July 7-11, 2024

2024 Chengdu Workshop on Number Theory
Sichuan Normal University, Chengdu, Sichuan, China — May 17-19, 2024

Southeast Workshop on Algebraic Geometry
Xiamen University, Xiamen, Fujian, China — Mar. 29-Apr. 1, 2024

2024 Workshop on Number Theory and Applications
Southeast University & Minnan Normal University, Nanjing, Jiangsu, China — Mar. 8-11, 2024

Working Seminar on Analytic Number Theory I
Tsinghua Sanya International Mathematics Forum (TSIMF), Sanya, Hainan, China — Feb. 19-23, 2024

Symposium on Number Theory and Representation Theory VII
Zhejiang University, Hangzhou, Zhejiang, China — Jan. 5-7, 2024

Workshop on Number Theory and Representation Theory (Organizer)
Xiamen University, Xiamen, Fujian, China — Dec 8 - 11, 2023

Langlands Correspondence, Automorphic Representations, and Related Topics
Wuhan University, Wuhan, Hubei, China — Nov. 18-19, 2023

Workshop on Langlands Program and Representation Theory
Xiamen University, Xiamen, Fujian, China — Nov. 3-6, 2023

The 3rd Cross Strait Workshop on Arithmetic Geometry
University of Science and Technology of China (USTC), Hefei, Anhui, China — Aug. 18-23, 2023

2023 Workshop on Automorphic Representations
Shandong University, Jinan, Shandong, China — Aug. 14-18, 2023

The eleventh Pan Asian Number Theory (PANT) Conference
Harbin Institute of Technology, Harbin, China — Aug. 1-5, 2023

Satellite Conference in Number Theory of International Congress of Basic Science
Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China — July 10-14, 2023

2023 USTC-HFUT Number Theory Conference
USTC-HFUT, Hefei, Anhui, China — July 2-5, 2023

2023 Workshop on Representations of Lie Groups and Automorphic Forms
Xiamen University, Xiamen, Fujian, China — May 26-28, 2023

2023 Fudan Number Theory Seminar
Fudan University, Shanghai, China — May 13, 2023

USTC-XJTU Number Theory Conference
University of Science and Technology of China (USTC), Hefei, Anhui, China — Apr. 8-9, 2023

22nd Fujian Province "Advanced Algebra" and "Linear Algebra" Course Construction Conference
Minnan Normal University, Zhangzhou, Fujian, China — Mar. 24-26, 2023

Shimura Varieties and L-Functions*
Mathematical Sciences Research Institute (MSRI), Berkeley, CA, USA — Mar. 13-17, 2023

Zeta functions and their representations*
Research Institute for Mathematical Sciences (RIMS Symposium), Kyoto, Japan — Mar. 6-8, 2023

Instructional workshop on Iwasawa theory for automorphic forms*
Korea Institute for advanced Study (KIAS), Seoul, Republic of Korea — Dec. 19-22, 2022

International Conference on L-Functions and Related Themes*
Minnan Normal University, Zhangzhou, Fujian, China — Aug. 5-9, 2022

AMS Special Session on Recent Advances on the Langlands Program*
Spring Western Sectional Meeting (formerly at University of Denver)   May 14-15, 2022

34th Automorphic Forms Workshop*   *Brigham Young University, Provo, Utah*   Mar. 16-19, 2022

2022 Southern Regional Number Theory Conference* *Louisiana State University* 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*   *Bielefeld University*   Sept. 20-22, 2021

miniMAGNTS 2021*   Aug. 11, 2021

Theta Series: Representation Theory, Geometry, and Arithmetic*   July 5 - 9, 2021
in honor of Steve Kudla 70th birthday

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*   *University of Pittsburgh*   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*   May 11 - 14, 2020
in honor of Joseph Bernstein on the occasion of his 75th birthday

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
in celebration of the 60th birthday of Michael Filaseta
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 Sate 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 ONLINE	Lecture on Cyclotomic Fields and Iwasawa Theory Instructors: Preda Mihăilescu, Gottingen University	Sept. 18 - Dec. 4, 2024

MINI COURSES ONLINE

Lecture on Cyclotomic Fields and Iwasawa Theory — Sept. 18 - Dec. 4, 2024
Instructors: Preda Mihăilescu, Gottingen University

Core topics in modern number theory. I' — Dec. 1, 2022 - Apr. 20, 2023
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 evolvement 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
–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	School of Mathematics and Statistics, Yunnan University	Jan. 12 - 25, 2025
	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
	Department of Mathematics, Oklahoma State University	Feb. 13, 2019
UNDERGRAD SUMMER CAMP	Chinese Academy of Sciences (CAS), Beijing, China	Summer, 2011
COMPUTER SKILLS	LaTeX, Mathematica, HTML, CoCalc, SAGE, Magma	
LANGUAGES	Chinese (native), English (fluent)	