CONTACT INFORMATION	School of Mathematical Sciences Email: yishaoyun926@xmu.edu.cn

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).
   Submitted, 2024. [arXiv].

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).
   To appear in Proceedings of the American Mathematical Society, 2024. [arXiv].

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

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

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

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 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 Women in automorphic forms, Bielefeld University (online)	Sept. 21, 2021
	On counting cuspidal automorphic representations of GSp(4) New Developments in Number Theory (online)	June 1, 2021
	On counting cuspidal automorphic representations of GSp(4) Mid-Atlantic Seminar On Numbers V (online)	Mar. 28, 2021
	Analogues of Alladi's formula over global function fields PAlmetto Joint Arithmetic, Modularity, and Analysis Series II (online)	Dec. 6, 2020
	On counting cuspidal automorphic representations for GSp(4) Front Range Number Theory Day (online)	Sept. 26, 2020
	Klingen $\mathfrak{p}^2$ vectors for GSp(4) Ninth Annual Upstate Number Theory Conference, Cornell University	Apr. 28, 2019
	Klingen $\mathfrak{p}^2$ vectors for GSp(4) TORA X, University of North Texas	Apr. 6, 2019
	Klingen $\mathfrak{p}^2$ vectors for GSp(4) 33rd Automorphic Forms Workshop, Duquesne University	Mar. 10, 2019
	Klingen $\mathfrak{p}^2$ vectors for GSp(4) Graduate Algebra Symposium, University of Oklahoma	Mar. 2, 2019
	Klingen $\mathfrak{p}^2$ vectors for GSp(4, F) PANTS XXXI, University of South Carolina	Dec. 8, 2018
	Kl($\mathfrak{p}^2$) *vectors for* GSp(4, F) TORA IX, University of Oklahoma	Apr. 7, 2018
	Dimensions of Kl($\mathfrak{p}^2$)-*invariant vectors for* GSp(4, F) 31st Automorphic Forms Workshop, East Tennessee State University	Mar. 8, 2017
	Dimensions of Kl($\mathfrak{p}^2$)-*invariant vectors for irreducible non-supercuspidal representations of* GSp(4, F) Graduate Algebra Symposium, University of North Texas	Nov. 5, 2016
	Dimensions of Kl($\mathfrak{p}^2$)-*invariant vectors for Iwahori-spherical representations of* GSp(4, F) TORA VII, University of North Texas	Apr. 10, 2016
	Dimensions of Parahori-invariant vectors for Iwahori-spherical representations of GSp(4) Graduate Algebra Symposium, University of Oklahoma	Mar. 5, 2016
	Dimensions of spaces of Parahori-invariant vectors for Iwahori-spherical representations of 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 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** *An Invitation to Modular Forms* (general talk for undergraduate), Student Seminar	June 5, 2024

Introduction to Sarnak's conjecture, II <small>(general paper reading talk)</small>,   Mar. 21, 2024
Dynamical System and Number Theory Seminar (online)

Introduction to Sarnak's conjecture, I <small>(general paper reading talk)</small>,   Mar. 14, 2024
Dynamical System and Number Theory Seminar (online)

From Riemann Hypothesis to Langlands Program, Part II <small>(general talk for undergraduate)</small>,   Mar. 13, 2024
Student Seminar

From Riemann Hypothesis to Langlands Program, Part I <small>(general talk for undergraduate)</small>,   Feb. 28, 2024
Student Seminar

The asymptotics of $r(4,t)$ <small>(general paper reading talk)</small>,   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 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 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

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	2024-2026
	Fundamental Research Funds for the Central Universities	2023-2025

John Clark Brixey Graduate Scholarship   2016
–Awarded annually to PhD Students, Math. Department, OU

Teaching Assistantship   2012 - 2019
–Math. Department, University of Oklahoma

Outstanding Student Scholarship   2010
–Awarded annually to undergraduate students, Math. Department, USTC

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

CONFERENCES, WORKSHOPS ATTENDED (*: ONLINE)		
2024 Chen Jing-Run Prize Conference		
Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China	July 29-31, 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		
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	

MINI COURSES ONLINE

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:
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

COMPUTER SKILLS	LaTeX, Mathematica, HTML, CoCalc, SAGE, Magma	

LANGUAGES	Chinese (native), English (fluent)	