Curriculum Vitae

Chiu-Chu Melissa Liu

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Birth date. December 15, 1974

Research Interests. Algebraic Geometry, Symplectic Geometry

Education.

Institution	Years	Major	Degree & Date
National Taiwan University	1992-1996	Mathematics	BS, June 1996
Harvard University	1997-2002	Mathematics	PhD, June 2002

PhD thesis advisor: Shing-Tung Yau

Pre-doctoral Awards, Honors, and Fellowships.

- James K. Whittemore Scholarship at Harvard University, 1997-1998
- Joseph Leonard Walsh Fellowship at Harvard University, 1998-1999

Postdoctoral Awards, Honors, and Fellowships.

- Junior Fellowship, Society of Fellows, Harvard University, 2002-2005
- Alfred P. Sloan Research Fellowship, 2007-2009
- Morningside Silver Medal, The 4th International Congress of Chinese Mathematicians, 2007
- Invited speaker at the International Congress of Mathematicians, Hyderabad, India, 2010
- Fellow of the American Mathematical Society (The Ingural 2013 Class)

Employment.

- Junior Fellow, Society of Fellows, Harvard University, 2002-2005
- Assistant Professor, Northwestern University, 2005-2006
- Associate Professor, Northwestern University, 2006-2008 (with tenure)
- Associate Professor, Columbia University, 2006-2012 (tenured since July 2008)
- Professor, Columbia University, 2012 – present
- Chern Professor, MSRI, Spring 2018

Teaching.

I. Undergraduate Courses:

- Columbia University
  (1) Mathematics V1101. Calculus I, Fall 2012
  (2) Mathematics V1201. Calculus III, Fall 2006, Fall 2014, Fall 2016
  (3) Mathematics V1202. Calculus IV, Spring 2007
  (4) Mathematics V3007. Complex Variables, Spring 2009
  (5) Mathematics W4045. Algebraic Curves, Spring 2009, Spring 2011
- Northwestern University
  (1) Mathematics 290-3. MENU: Linear Algebra and Multivariable Calculus, Spring 2006
  (2) Mathematics 321-2. MENU: Real Analysis, Winter 2008
  (3) Mathematics 321-3. MENU: Real Analysis, Spring 2008
- Harvard University
  (1) Mathematics 21a. Multivariable Calculus, Fall 2000, Fall 2001, Spring 2002
  (2) Mathematics 21b. Linear Algebra and Differential Equations, Spring 1998

II. Graduate Courses:

- Columbia University
  (1) Mathematics G4402/GR6402. Modern Geometry I, Fall 2009, Fall 2010, Fall 2011, Fall 2012, Fall 2014, Fall 2015, Fall 2016, Fall 2018, Fall 2019, Fall 2020, Fall 2022, Fall 2023
  (2) Mathematics G4403/GR6403. Modern Geometry II, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2015, Spring 2019, Spring 2021, Spring 2023, Spring 2024
  (3) Mathematics G6480/GR8680. Gromov-Witten Theory, Fall 2011, Fall 2019
- Northwestern University
  (1) Mathematics 441-1. Geometry and Topology, Fall 2005
  (2) Mathematics 445. Complex Manifolds, Winter 2008
  (3) Mathematics 516-1. Topics in Mathematical Physics, Spring 2006

III. Supervised Readings:

- Alex Perry (Fall 2010)
- Rankeya Datta (Spring 2011)
- Junho Won (Fall 2018)
- Micah Gay (Spring 2019)
- Myeonhu Kim (Fall 2019)

Mentoring.

I. Graduate Advising: Ph.D. thesis advisor of

- Zhengyu Zong (2015 PhD, Columbia)
- Zijun Zhou (2017 PhD, Columbia)
- Mitchell Faulk (2019 PhD, Columbia)
- Renata Picciotto (2021 PhD, Columbia)
- Clara Dolfen (2021 PhD, Columbia)
- Song Yu (2023 PhD, Columbia)
- Patrick Lei (in progress, Columbia)

II. Undergraduate Advising:

- Senior thesis advisor of Nawaz Sultani (CC' 2016)

III. Junior faculty mentored:

- Bohan Fang (2010-2014, Ritt Assistant Professor at Columbia)
- Yu-Shen Lin (2016-2017, Visiting Assistant Professor at Columbia)
- Konstantin Aleshkin (2019-2024, Ritt Assistant Professor at Columbia)

Service to Columbia University.

- Oral Exam Committee:
  Andre Carneiro, Robert Castellano, Beomjun Choi, Kyeongsu Choi, Tristan Collins, Clara Dolfen, Andrew Fanoe, Mitchell Faulk, Karsten Gimre, Elena Giorgi, Lea Kenigsberg, Christopher Hall, Andrea Heyman, Jordan Keller, Oleksandr Kravets, Patrick Lei, Henry Liu, Connor Mooney, Thomas Nyberg, Anton Osinenko, Xuanyu Pan, Renata Picciotto, Alex Pieloch, You Qi, Petr Pushkar, Changjian Su, Saraswathi Venkatesh, Shuai Wang, Zongrui Yang, Song Yu, Chilin Zhang, Zhongyi (Alex) Zhang, Jingyu Zhao, Zijun Zhou, Zhengyu Zong
- Dissertation Defense Committee:
  Noah Arbesfeld (2018) , Andre Carneiro (2013), Robert Castellano (2016), Dvora Cohen (2009), Ivan Danilenko (2020), Yash Uday Deshmukh (2023), Clara Dolfen (2021), Ben Elias (2011), Alexander Ellis (2013), Andrew Fanoe (2013), Mitchel Faulk (2019), Karsten Gimre (2016), Andrea Heyman (2016), Adam Jacob (2012), Lea Kenigsberg (2023), Yakov Kononov (2021), Carl Lian (2020), Henry Liu (2021), Qixiao Ma (2019), Connor Mooney (2015), Andrei Negut (2015), Noah Olander (2022), Anton Osinenko (2019), Renata, Picciotto (2021), Petr Pushkar (2018), Alica Rizzardo (2012), Maithreya Sitaraman (2022), Andrey Smirnov (2016), Kevin Smith (2023), Changjian Su (2017), Zhuhai Wang (2015), Song Yu (2023), Wenhua Yu (2019), Zhongyi (Alex) Zhang (2020), Shuai Wang (2021), Jingyu Zhao (2016), Zijun Zhou (2017), Zhengyu Zong (2015)
- Departmental Adviser, Department of Mathematics, 2011-2013
- Member, Undergraduate Committee, Department of Mathematics, 2011-2012, 2014-2017, 2020-present
- Member, Graduate Admission Committee, Department of Mathematics, 2011-2014, 2019-2020, 2021-2022
- Director of Undergraduate Studies, Department of Mathematics, 2015-2017
- Member, Committee on Science Instruction, 2020-2021
- Computer Science-Mathematics Major Adviser, Department of Mathematics, 2020-present

Service to Profession.

- Editor of Transactions of the American Mathematical Society, 1 February 2016 – 31 January, 2020.
- Editor of Memoirs of the American Mathematical Society, 1 February 2016 – 31 January 2020.
- Referee of
  (1) Advances in Mathematics,
  (2) Advances in Theoretical and Mathematical Physics (ATMP),

    (3) Annals of Mathematics,

    (4) Canadian Journal of Mathematics

    (5) Communications in Analysis and Geometry (CAG),

    (6) Communications in Mathematical Physics (CMP),

    (7) Communications in Number Theory and Physics (CNTP),

    (8) Geometriae Dedicata,

    (9) Geometry and Topology,

    (10) International Mathematical Research Notices (IMRN),

    (11) Journal of Algebraic Geometry (JAG),

    (12) Journal of the American Mathematical Society (JAMS),

    (13) Journal of Differential Geometry (JDG),

    (14) Journal of Symplectic Geometry (JSG),

    (15) Mathematical Research Letters (MRL),

    (16) Proceedings of the American Academy of Sciences,

    (17) Science in China Series A: Mathematics,

    (18) Selecta Mathematica,

    (19) Symmetry, Integrability and Geometry: Methods and Applications (SIGMA),

    (20) Transactions of the American Mathematical Society.

- Reviewer of *Mathematical Reviews.*
- NSF Panel: 2010, 2013, 2015, 2020.

Invited Presentations.

    (1) Research Program of IAS/PCMI Summer Session 2001, July 10, 2001

    (2) Gauge Theory and Topology Seminar at Harvard University, October 26, 2001

    (3) Differential Geometry Seminar at UIUC (University of Illinois at Urbana-Champaign), November 27, 2001

    (4) Seminar in Geometry and Physics at IPAM (Institute of Pure and Applied Mathematics), UCLA (University of California at Los Angeles), November 29, 2001

    (5) Mathematics Colloquium at UCLA (University of California at Los Angeles), November 29, 2001

    (6) Symplectic Geometry Seminar at Columbia University, December 14, 2001

    (7) Symplectic Geometry Seminar at MIT, December 2, 2002

    (8) Geometry/Physics Seminar at Northwestern University, January 23, 2003

    (9) Workshop on Geometry of Lagrangian Submanifolds at IPAM, April 15, 2003

    (10) Workshop on Symplectic Geometry and String Theory at IPAM, June 2, 2003

    (11) Workshop on Mathematical Physics at Center of Mathematical Sciences, Zhejiang University, Hangzhou, China, July 12, 2003

    (12) Differential Geometry Seminar at MIT, September 15, 2003

    (13) Colloquium at Rice University, November 6, 2003

    (14) Algebraic Geometry Seminar at UIUC (University of Illinois at Urbana-Champaign), November 11, 2003

    (15) Colloquium at Northwestern University, November 13, 2003

    (16) BIRS Workshop: The Interaction of Finite Type and Gromov-Witten Invariants, November 15 - 20, 2003 (three lectures)

(17) Pacific Northwest String Seminar: Mathematical Aspects of Open-Closed String Dualities, University of Washington, December 4, 2003

(18) Workshop on Floer Theory and Related Topics at Kyoto University, Kyoto, Japan, December 8-10, 2003 (three lectures)

(19) Algebraic Geometry Seminar at Stanford University, January 23, 2004

(20) Geometry Seminar at Harvard University, February 16, 2004

(21) Gauge Theory and Topology Seminar at Harvard University, March 19, 2004

(22) Algebra-Geometry-Singularities-Combinatorics Seminar at Northeastern University, March 22, 2004

(23) Geometry, Representation, and Moduli Seminar at Princeton University, March 31, 2004

(24) Geometry and Topology of String Theory Conference at Northwestern University, May 26, 2004

(25) Harvard/MIT Algebraic Geometry Seminar, October 26, 2004

(26) Texas Geometry and Topology Conference at Texas A&M University, October 31, 2004

(27) Fellowship of the Ring Seminar at Brandeis University, November 5, 2004

(28) Informal Symplectic Semester, November 10, 2004

(29) UIUC Algebraic Geometry Seminar, November 16, 2004

(30) Caltech Mathematical Colloquium, December 7, 2004

(31) The Third International Congress of Chinese Mathematicians, Hong Kong, December 22, 2004 (45-minute invited talk)

(32) AMS Special Session on Analysis Problem in Modern Physics, Atlanta, January 6, 2005 (20-minute talk)

(33) Deformation Theory Seminar at University of Pennsylvania, February 16, 2005

(34) Math-Physics Joint Seminar at University of Pennsylvania, February 18, 2005

(35) Topics in Mathematical Physics at MIT, March 8, 2005

(36) Workshop on Donaldson-Thomas Invariants at University of Illinois at Urbana-Champaign, March 20, 2005

(37) Geometric Analysis Seminar at Princeton University, April 1, 2005

(38) FRG Workshop "Algebraic Geometry, Symplectic Geometry and Theoretical Physics: a conference celebrating the contribution of women researchers", University of Pennsylvania, May 7, 2005

(39) Symplectic Geometry and Physics Reunion I at UCLA, May 26, 2005

(40) 2005 AMS Summer Institute on Algebraic Geometry at University of Washington, Seattle, July 26, 2005

(41) Algebraic Geometry Seminar at University of Chicago, October 19, 2005

(42) Symplectic Geometry Seminar at University of Toronto, February 6, 2006

(43) Geometry Seminar at University of Michigan, March 7, 2006

(44) Representation Theory, Geometry & Combinatorics Seminar at University of California at Berkeley, March 22, 2006

(45) Workshop on New Developments in the Geometry and Physics of Gromov-Witten Theory at MSRI, May 24, 2006

(46) Math Colloquium at Lehigh University, September 12, 2006

(47) Topology/Geometry Seminar at Rutgers University, October 10, 2006

(48) Analysis Seminar at UCLA (University of California at Los Angeles), October 27, 2006
(49) Geometry and Analysis Seminar at Columbia University, November 2, 2006
(50) Joint New York Symplectic Geometry Seminar at Columbia University, December 8, 2006
(51) Geometry/Physics Seminar at Northwestern University, January 4, 2007
(52) Differential Geometry Seminar at University of California at Irvine, March 14, 2007
(53) Algebra, Geometry and Physics Seminar at Stony Brook University, April 25, 2007
(54) Research Seminar, Women in Mathematics 2007: Algebraic Geometry and Group Actions at Institute for Advanced Study, May 15, 2007
(55) Research workshop – Toric Degenerations, Tropical Geometry and Mirror Symmetry at Warwick Mathematics Institute, September 18, 2007
(56) Algebraic Geometry Seminar at University of Illinois at Chicago, October 18, 2007
(57) Workshop on Gauge Theory and Representation Theory, Institute of Advanced Study, November 29, 2007
(58) The Fourth International Congress of Chinese Mathematicians, Zhejiang University, Hangzhou, China, December 22, 2007 (1-hour plenary talk)
(59) The 15th Southern California Geometric Analysis Seminar, February 3, 2008
(60) Summer school on Geometry of Teichmüller spaces and moduli spaces of curves, Zhejiang University, July 14-20, 2008
(61) Geometric Analysis: Present and Future, An international conference to celebrate the birthday of Shing-Tung Yau, Harvard University, September 1, 2008
(62) Symplectic Geometry and Gauge theory Seminar, Columbia University, October 17, 2008
(63) Topology and Geometry Seminar, Rutgers University, November 4, 2008
(64) Research Seminar in Mathematics, Northeastern University, November 18, 2008
(65) Math-Physics Joint Seminar, University of Pennsylvania, February 9, 2009
(66) Colloquium, Brown University, February 18, 2009
(67) Geometry and Physics Seminar, University of Michigan, March 16, 2009
(68) NTU Math Month, National Taiwan University, July 6, 2009
(69) Seminar on Pure Mathematics, Hong Kong University of Science and Technology, July 21, 2009
(70) IMS Geometry Lecture Series, The Institute of Mathematical Sciences, Chinese University of Hong Kong, July 22 & 23, 2009
(71) Workshop on Algebraic Structures in the Theory of Holomorphic Curves, MSRI, November 20, 2009
(72) Differential Geometry Seminar, Harvard University, November 24, 2009
(73) Geometry, Symmetry, and Physics Seminar, Rutgers University, February 18, 2010
(74) Connections in Geometry and Physics 2010, Perimeter Institute for Theoretical Physics, Waterloo, Canada, May 8, 2010

(75) Hodge Theoretic Reflections on the String Landscape, International Centre for Mathematical Sciences, Edinburgh, Scotland, June 14, 2010

(76) International Congress of Mathematicians 2010, Hyderabad, India, August 27, 2010 (45-minute invited talk)

(77) The Fifth Yamabe Symposium: Geometry and Low Dimensional Topology, University of Minnesota, October 9, 2010

(78) Colloquium, Department of Mathematics, University of Illinois at Chicago, October 29, 2010

(79) Colloquium, Department of Mathematics, Rutgers-Newark, November 16, 2010

(80) The Fifth International Congress of Chinese Mathematicians, Tsinghua University, Beijing, China, December 18, 2010 (45-minute invited talk)

(81) Great Lakes Geometry Conference 2011, Ohio State University, March 6, 2011

(82) 2011 Spring AMS Central Sectional Meeting, University of Iowa, Iowa City, IA, March 18, 2011 (50-minute invited address)

(83) FRAGMENT Seminar, Colorado State University, April 14, 2011

(84) Workshop on Sheaf-Theoretic Methods in Symplectic Topology, IAS, Thursday, May 12, 2011

(85) Workshop on Equivariant Quantum Cohomology, Mirror Symmetry, and Symplectic Geometry, Simons Center for Geometry and Physics, May 19, 2011

(86) String-Math 2011, UPenn, Philadelphia, June 7, 2011

(87) Algebraic Geometry Seminar, Taida Institute of Mathematical Sciences, Taipei, August 9, 2011

(88) Conference on Vector Bundles and Real Algebraic Curves, Universidad de Los Andes, Bogotá, Colombia, September 26-30, 2011

(89) BIRS Workshop: New Recursion Formulae and Integrability for Calabi-Yau Spaces, BIRS, October 16-20, 2011

(90) Second Conference of Tsinghua Sanya International Mathematics Forum, Sanya, China, December 19-21, 2011

(91) Algebraic Geometry Seminar, Ohio State University, January 10, 2012

(92) Special Geometry/Topology Seminar, University of Southern California, March 7, 2012

(93) Mathematical Colloquium, University of Southern California, March 7, 2012

(94) Special Geometry Seminar, UCLA, March 9, 2012

(95) Algebraic Geometry Seminar, University of Utah, April 10, 2012

(96) Workshop on Geometry of Surface Group Representations, Centre de Recerca Matemática (CRM), Barcelona, Spain, May 17, 2012

(97) Mirror Symmetry in the Midwest II, University of Wisconsin, Madison, November 10, 2012

(98) Noetherian Ring, Princton University, December 7, 2012

(99) PU/IAS Symplectic Geometry Seminar, IAS, December 7, 2012

(100) Topological recursion and quantum algebraic geometry, Center for Quantum Geometry of Moduli Spaces, Aarhus University, Aarhus, Denmark, January 31, 2013

(101) *J*-holomorphic Curves in Symplectic Geometry, Topology and Dynamics, Centre de recherches mathématiques, Université de Montréal, Montreal, Canada, May 1, 2013

(102) Topology Seminar Series, Simons Center for Geometry and Physics, Stony Brook University, May 30, 2013

(103) Moduli Spaces and their Invariants in Mathematical Physics, Centre de recherches mathématiques, Université de Montréal, Montreal, Canada, June 10, 2013

(104) 2013 International Conference on Surveys of Modern Mathematics I, Morningside Center of Mathematics, Chinese Academy of Sciences, Beijing, China, July 2, 2013

(105) IAS Program on Gromov-Witten Theory and Quantization, Institute for Advanced Study, Hong Kong University of Science and Technology, Hong Kong, China, July 10, 2013

(106) The Sixth International Congress of Chinese Mathematicians, National Taiwan University, Taipei, Taiwan, July 18, 2013 (45-minute invited talk)

(107) TIMS Seminar in Algebraic Geometry, Taida Institute for Mathematical Sciences, National Taiwan University, Taipei, Taiwan, August 5, 2013

(108) Geometry & Physics Seminar, University of Michigan, September 9, 2013

(109) Colloquium Series, University of Michigan, September 10, 2013

(110) TIMS Seminar in Algebraic Geometry, Taida Institute for Mathematical Sciences, National Taiwan University, Taipei, Taiwan, December 30, 2013 & January 3, 2014

(111) Calabi-Yau Geometry and Mirror Symmetry Conference, National Taiwan University, Taipei, Taiwan, January 6, 2014

(112) Conference on Homological Mirror Symmetry, University of Miami, January 30, 2014

(113) Introduction to Modern Mathematics Lecture Series, Tsinghua University, Beijing, China, April 18, 2014

(114) Equivariant Gromov-Witten Theory and Applications, Simons Center for Geometry and Physics, May 14, 2014

(115) String-Math 2014, University of Alberta, Edmonton, Canada, June 13, 2014

(116) Calabi-Yau Manifolds and their Moduli, June 14, 2014

(117) Quantum Curves and Quantum Knot Invariants, June 19, 2014

(118) Real Vector Bundles, Brest, France, July 7-11, 2014 (three 1-hour lectures)

(119) Real Algebraic Geometry, Villa de Leyva, Colombia, July 23, 2014

(120) 60 Years of Calabi Conjecture–A Workshop in Honor of Professor Shing-Tung Yau on the Occasion of his 65th birthday, Tsinghua University, Beijing, China, August 4, 2014

(121) AGNES, University of Pennsylvanian, November 1, 2014

(122) Geometry Colloquium, UCLA, November 6, 2014

(123) 20th Midwest Geometry Conference, University of Oklahoma, January 17, 2014

(124) Moduli Spaces of Curves and Maps, Stanford University, February 15, 2015

(125) Aspects of Algebraic Geometry, IAS, May 13, 2015

(126) Beijing Geometry and Physics Colloquium, Yau Mathematical Sciences Center, Tsinghua University, Beijing, May 30, 2015

(127) AMS Summer Institute in Algebraic Geometry, July 23, 2015 (invited talk)

(128) Moduli Spaces in Geometry, CIRM, Luminy, France, October 29, 2015

(129) Algebraic Geometry Seminar, Ohio State University, December 1, 2015.

(130) 21st Midwest Geometry Conference, Wichita State University, March 13, 2016.

(131) Conference on Mirror Symmetry and Wall-Crossing, UC Berkeley, March 21-25, 2016 (two 1-hour talks).

(132) Nonlinear Equations Conference, Harvard University, April 9, 2016.

(133) FRG Workshop on Special Holonomy Geometry, Mirror and Supersymmetry, Harvard University, May 9-10, 2016.

(134) 2016 Lehigh University Geometry and Topology Conference, May 27-29, 2016.

(135) Workshop on Moduli Spaces, Mirror Symmetry and Enumerative Geometry, ICTP, Trieste, Italy, August 18, 2016.

(136) Differential Geometry Seminar, Harvard University, April 4, 2017

(137) Geometry/Physics Seminar, Northwestern University, April 13, 2017

(138) 2017 JDG Conference on Geometry and Topology, Harvard University, April 28, 2017

(139) Summer School in Enumerative Geometry, SISSA, Trieste, Italy, July 3-7, 2017 (five 1.5-hour lectures)

(140) Enumerative Geometry, Mirror Symmetry, and Physics, UIUC, July 17, 2017

(141) String-Math 2017, Hamburg, Germany, July 27, 2017 (plenary talk)

(142) Seminars at Seoul National University, Seoul, Korea, September 26 & 27, 2017

(143) Open Gromov-Witten theory, integrable hierarchies and mirror symmetry, ETH Zürich, October 17, 2017

(144) Colloquium, Northwestern University, January 10, 2018

(145) Structures in Enumerative Geometry, MSRI, March 21, 2018

(146) Mirror Symmetry and Enumerative Geometry, UC Berkeley, March 26, 2018

(147) Northern California Symplectic Geometry Seminar, Stanford, May 7, 2018

(148) Crossing the Walls in Enumerative Geometry, Snowbird, Utah, May 24, 2018

(149) 6th Workshop on Combinatorics of Moduli Spaces, Moscow, Russia, June 6, 2018

(150) Gauge-Symplectic-Topology Seminar, Harvard University, April 5, 2019

(151) Algebraic Geometry Seminar, University of Michigan, April 10, 2019

(152) Colloquium, University of Oregon, April 22, 2019

(153) Algebra Seminar, University of Oregon, April 23, 2019

(154) Conference on Differential Geometry, Calabi-Yau Theory and General Relativity, a conference in celebration of the 70th Birthday of Shing-Tung Yau, Harvard University, May 2, 2019

(155) New Perspectives in Gromov-Witten Theory, IMJ-Sorbonne Université, Paris, France, June 3-7, 2019 (three 50-minute lectures)

(156) The 8th International Congress of Chinese Mathematicians, Tsinghua University, Beijing, China, June 13, 2019 (1-hour plenary talk)

(157) Integrability, Geometry and Moduli: a conference in honor of Motohico Mulase on his 65th birthday, Max Planck Institute for Mathematics, Bonn, Germany, July 29, 2019

(158) Quantum Structures in Algebra and Geometry, Northwestern University, August 29, 2019

(159) Colloquium, Central Michigan University, September 12, 2019

(160) Workshop on Topological and Geometric Recursion, University of Miami, February 3-7, 2020

(161) Homological Mirror Symmetry and Applications, IMSA Miami, January 19-22, 2021 (Zoom)

(162) Special Colloquium, Harvard University, March 8, 2021 (Zoom)

(163) CMSA Colloquium, Harvard University, March 17, 2021 (Zoom)

(164) West Hemisphere Virtual Symplectic Seminar, April 1, 2021 (Zoom)

(165) 35th Annual Geometry Festival, Stony Brook University, April 24, 2021 (Zoom)

(166) String-Math 2021, June 14, 2021 (Zoom)

(167) Workshop in honor of Lothar Göttsche's birthday, December 14, 2021 (Zoom)

(168) Homotopical Methods in Geometry and Physics 2022 in honor of Ezra Getzler's sixtieth birthday, Northwestern University, March 21-25, 2022

(169) Homological Mirror Symmetry, IMSA, University of Miami, April 4-8, 2022

(170) Deformation of Geometric Structures in Current Mathematics: A Celebration of the Works of Masatake Kuranishi, Harvard University, May 11, 2022

(171) Workshop on Topics in Enumerative Geometry, University of Oregon, May 21, 2022

(172) Seminar in Real and Complex Geometry, May 26, 2022 (Zoom)

(173) Geometry of Gauged Linear Sigma Models, University of Birmingham, June 24, 2022

(174) The 9th International Congress of Chinese Mathematicians, Nanijing, China, August 1, 2022 (distinguished lecture, Zoom talk)

(175) Periods in Mirror Symmetry, ICMS, Edinburgh, UK, September 21, 2022 (Zoom talk)

(176) Homological Mirror Symmetry, IMSA, University of Miami, January 28, 2023

(177) Vortex Moduli, Bengaluru, February 16, 2023 (Zoom talk)

(178) The 28th Southern California Geometric Analysis Seminar, University of California, Irvine, March 4, 2023

(179) Categorical methods in moduli theory, University of Pennsylvania, April 9, 2023

(180) Concluding Conference of Simons Collaboration on Homological Mirror Symmetry, SCGP, April 27, 2023

(181) Gauged Linear Sigma Models @ 30, SCGP, May 24, 2023