

Felix Janda

Curriculum Vitae

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Nationality: Germany (US permanent resident)
Pronouns: he/him/his

Employment

- 2023– University of Illinois, Urbana–Champaign, *Assistant Professor.*
- 2023–2024 University of Notre Dame, *Adjunct Assistant Professor.*
- 2020–2023 University of Notre Dame, *Assistant Professor.*
- 2019–2020 Insitute for Advanced Study, *Member.*
- 2019–2020 University of Michigan, *Adjunct Assistant Professor.*
- Spring 2018 Mathematical Sciences Research Institute, *Member of program: “Enumerative geometry beyond numbers”.*
- 2016–2019 University of Michigan, *D.J. Lewis Research Assistant Professor*, Host: Yongbin Ruan.
- 2015–2016 Institut de Mathématiques de Jussieu, *FSMP postdoctoral position*, Host: Dimitri Zvonkine.

Education

- 2011–2015 ETH Zürich, *Ph.D.*, Thesis: “Relations in the tautological ring”, Advisor: Rahul Pandharipande.
- 2007–2011 Ludwigs-Maximilians-Universität München, *Diploma: “Sehr gut”*, Thesis: “The geometry and arithmetic of a singular cubic surface”, Advisor: Ulrich Derenthal.

Honors/Grants

- 2023–2028 NSF CAREER grant DMS-2239320/DMS-2422291.
- 2019–2023 NSF standard grant DMS-1901748/DMS-2054830.
- 2017–2019 AMS-Simons Travel Grant.
- 2016 ETH medal for outstanding doctoral thesis.
- 2014 Oberwolfach Leibniz Graduate Student.
- 2009-2011 Scholarship of the “Studienstiftung des deutschen Volkes” (German Academic Scholarship Foundation).

Publications/Preprints

1. “*Structure results for torus fixed loci*” (with Jarod Alper) **submitted**, arXiv:2402.10823
2. “*Universal equations for higher genus Gromov-Witten invariants from Hodge integrals*” (with Xin Wang) **accepted at “Communications in Mathematical Physics”**, arXiv:2401.00899
3. “*Gromov-Witten invariants with naive tangency conditions*” (with Tony Yue Yu) **submitted**, arXiv:2310.13059
4. “*Punctured Logarithmic R-maps*” (with Qile Chen and Yongbin Ruan) **submitted**, arXiv:2208.04519
5. “*A comparison of group testing architectures for COVID-19 testing*” (with Joshua Batson, Yaim Cooper, Nathaniel Bottman) , arXiv:2005.03051
6. “*Virtual cycles of stable (quasi-)maps with fields*” (with Qile Chen and Rachel Webb) **in “Advances in Math” Volume 385, 16 July 2021, Art. No. 107781, 49pp**, arXiv:1911.09825
7. “*The logarithmic gauged linear sigma model*” (with Qile Chen and Yongbin Ruan) **in “Inventiones mathematicae”, 225(3), 1077-1154, 2022**, arXiv:1906.04345
8. “*Structure of Higher Genus Gromov-Witten invariants of Quintic 3-folds*” (with Shuai Guo and Yongbin Ruan) , arXiv:1812.11908
9. “*Double ramification cycles with target varieties*” (with Rahul Pandharipande, Aaron Pixton and Dimitri Zvonkine) **in “Topology” Volume 13 Issue 4, December 2020, Pages 1725–1766**, arXiv:1812.10136
10. “*Towards Logarithmic GLSM: The r -spin case*” (with Qile Chen, Yongbin Ruan and Adrien Sauvaget) **in “Geometry and Topology” Issue 26-7, 2022, Pages 2855–2939**, arXiv:1805.02304
11. “*A mirror theorem for genus two Gromov-Witten invariants of quintic threefolds*” (with Shuai Guo and Yongbin Ruan) , arXiv:1709.07392
12. “*Higher-genus wall-crossing in the gauged linear sigma model*” (with Emily Clader and Yongbin Ruan) **in “Duke Mathematical Journal” 170 (4), 697-773, (15 March 2021)**, arXiv:1706.05038
13. “*Topological recursion relations from Pixton’s formula*” (with Emily Clader, Xin Wang and Dmitry Zakharov) **in “Michigan Math Journal” 73 (2023), 227-241**, arXiv:1704.02011
14. “*Higher-genus quasimap wall-crossing via localization*” (with Emily Clader and Yongbin Ruan) **accepted at “Algebraic Geometry” (Foundation Compositio Mathematica)**, arXiv:1702.03427
15. “*Appendix on the class of the locus of holomorphic differentials*” (with Rahul Pandharipande, Aaron Pixton and Dimitri Zvonkine) **in “Tautological relations via r -spin structures” by Rahul Pandharipande, Aaron Pixton and Dimitri Zvonkine in “Journal of Algebraic Geometry” 28 (2019), 439–496**, arXiv:1607.00978
16. “*Powers of the theta divisor and relations in the tautological ring*” (with

- Emily Clader, Samuel Grushevsky and Dmitry Zakharov) in “**International Mathematics Research Notices**” Volume 2018 Issue 24, 12 December 2018, Pages 7725–7754, arXiv:1605.05425
17. “*Double ramification cycles on the moduli space of curves*” (with Rahul Pandharipande, Aaron Pixton and Dimitri Zvonkine) in “**Publications de l’IHES**” 125 (2017), 221–266, arXiv:1602.04705
 18. “*Pixton’s double ramification cycle relations*” (with Emily Clader) in “**Geometry and Topology**” 22-2 (2018), 1069–1108, arXiv:1601.02871
 19. “*Relations on $\overline{M}_{g,n}$ via equivariant Gromov-Witten theory of \mathbb{P}^1* ” in “**Algebraic Geometry**” (Foundation Compositio Mathematica) Volume 4, Issue 3 (May 2017), 311–336, arXiv:1509.08421
 20. “*Appendix: The weighted fundamental class of $\tilde{\mathcal{H}}_g(\mu)$* ” (with Rahul Pandharipande, Aaron Pixton and Dimitir Zvonkine) in “**The moduli space of twisted canonical divisors**” by Gavril Farkas and Rahul Pandharipande in “**Journal of the Institute of Mathematics of Jussieu**” Volume 17, Issue 3 (June 2019), 615–672, arXiv:1508.07940
 21. “*Frobenius Manifolds near the Discriminant and Relations in the Tautological Ring*” part of thesis, in “**Letters in Mathematical Physics**” 108 (2018), no 7, 1649–1675, arXiv:1505.03419
 22. “*The hypergeometric functions of the Faber-Zagier and Pixton relations*” (with Alexandr Buryak and Rahul Pandharipande) in **Pure and Applied Mathematics Quarterly** Volume 11 (2015), Number 4 (Special volume dedicated to Prof. Eduard Looijenga), 591–631, arXiv:1502.05150
 23. “*Comparing tautological relations from the equivariant Gromov-Witten theory of projective spaces and spin structures*” part of thesis, not submitted, arXiv:1407.4778
 24. “*Gromov-Witten theory of target curves and the tautological ring*” in **Michigan Mathematical Journal**, Volume 66, Issue 4 (2017), (683–698), arXiv:1308.6182
 25. “*Tautological relations in moduli spaces of weighted pointed curves*” part of thesis, not submitted, arXiv:1306.6580
 26. “*Socle pairings on tautological rings*” (with Aaron Pixton) in **Epjournal de Géométrie Algébrique**, Volume 3 (2019), Article no. 4, arXiv:1304.0026
 27. “*Gaussian rational points on a singular cubic surface*” (with Ulrich Derenthal) in “**Torsors, étale homotopy and applications to rational points**”, LMS Lecture Notes 405, Cambridge University Press, Cambridge, 2013, pp. 210-231, arXiv:1105.2807

Mentoring

2023 – Graduate student Ruoxi Li.
present

- Winter 2023– Undergraduate reading and research with Jonathan Pal.
- Winter 2021 Directed reading with Juan Lanfranco.
- 2019 – 2022 Graduate student Nawaz Sultani (thesis title: “Gromov-Witten Theory of Non-Convex Complete Intersections”, now postdoc at Academia Sinica, Taipei).
- Summer 2018 REU with Felipe Castella (topic: GLSM spaces, now graduate student at UCSD).

———— Teaching experience and training

- Oct 2023 attend “Get in the Flow: Promoting Student Learning Engagement”.
- Fall 2023 MATH 347: Fundamental Mathematics, Instructor.
- May 2023 attend “NDStart: Diversity, Equity and Inclusion”.
- January 2023 attend “Building Better Bookends: The First Day of Class”.
- Fall 2022 MATH 60710: Introduction to Algebraic Geometry, Instructor.
- Fall 2022 MATH 10550: Calculus I, Instructor.
- Fall 2021 MATH 80210: Topics in Algebra: Moduli of curves, Instructor.
- Spring 2021 MATH 10560: Calculus II, Instructor.
- Winter 2021 MATH 20985: The Math of COVID-19, Instructor.
- Fall 2020 MATH 60710: Introduction to Algebraic Geometry, Instructor.
- Winter 2019 Minicourse on “Tautological rings and the double ramification cycle”.
- Fall 2018 MATH 115: Calculus I, Instructor.
- Fall 2017 MATH 217: Linear Algebra, Instructor.
- August 2017 Inquiry based learning training at Michigan.
- Winter 2017 MATH 590: Introduction to Topology, Instructor.
- Fall 2016 MATH 417: Matrix Algebra, Instructor.
- August 2016 Professional program at Michigan.
- Spring 2015 Algebraic Topology II, Pandharipande, Teaching Assistant.
- Fall 2014 Funktionentheorie, Knörrer, Grading/Tutoring.
- Spring 2014 Topologie, Werner, Grading.

- Spring 2014 **Mathematisches Denken**, *Leupp*, Grading.
- Fall 2013 **Lecture Series on “Pixton’s relations via stable quotients”**.
- Fall 2013 **Funktionentheorie**, *Teichmann*, Grading/Tutoring.
- Spring 2013 **Algebraic Geometry**, *Pandharipande*, Grading/Tutoring.
- Fall 2012 **Functional Analysis**, *Soner*, Grading/Tutoring.
- Spring 2012 **Lineare Algebra II**, *Knörrer*, Grading/Tutoring.
- 2011-05–2011-07 **Lineare Algebra II**, *Derenthal*, Grading.

Talks

Colloquium

- 2022-12 **“Enumerative Geometry: Old and New”**, *Special Colloquium*, University of Illinois, Urbana-Champaign.
- 2022-03 **“Enumerative Geometry: Old and New”**, *Special Colloquium*, University of Southern California, Zoom.
- 2020-02 **“Understanding maps between Riemann surfaces”**, *Colloquium*, University of Minnesota.
- 2020-02 **“Enumerative Geometry: Old and New”**, *Colloquium*, Louisiana State University.
- 2020-01 **“Enumerative Geometry: Old and New”**, *Colloquium*, University of Notre Dame.
- 2020-01 **“Enumerative Geometry: Old and New”**, *Colloquium*, Michigan State University.
- 2019-02 **“Enumerative Geometry: Old and New”**, *Colloquium*, University of Utah.
- 2018-12 **“Enumerative Geometry: Old and New”**, *Colloquium*, Texas A&M University.
- 2018-12 **“Enumerative Geometry: Old and New”**, *Colloquium*, Stony Brook University.
- 2018-04 **“Counting curves on quintic threefolds”**, *Smith Colloquium*, Kansas University.

Conference

- 2024-03 **“Techniques for computing higher genus Gromov-Witten invariants and a connection to birational invariants”**, *AGNES*, Boston College.
- 2020-08 **“Logarithmic GLSM: Applications”**, *GLSMs 2020*, Virginia Tech, Zoom.

- 2020-01 “**All genus Landau–Ginzburg/Calabi–Yau correspondence**”, *Special session: “Cohomological Field Theories and Wall Crossing”*, JMM Denver.
- 2019-11 “**The logarithmic gauged linear sigma model**”, *Moduli and Invariants*, Casa Matemática Oaxaca.
- 2019-06 “**Gromov-Witten invariants of quintic threefolds via log GLSM**”, *Summer School: “New Perspectives in Gromov-Witten Theory”*, Paris.
- 2018-10 “**Double ramification cycles and strata of differentials**”, *AMS Fall Central Sectional Meeting, Special Section on From Hyperelliptic to Superelliptic Curves*, University of Michigan.
- 2018-10 “**Logarithmic GLSM moduli spaces**”, *Moduli Spaces: Birational Geometry and Wall Crossings*, BIRS.
- 2018-08 “**Logarithmic GLSM**”, *Workshop on Higher Genus Gromov-Witten invariants*, Institute of Advanced Study in Mathematics, Zhejiang University.
- 2018-06 “**On higher genus Gromov-Witten invariants of quintic threefolds**”, *AMS/CMS Joint International Meeting, Special Session on Symplectic Geometry*, Fudan University, Shanghai.
- 2018-05 “**Compactifying the space of maps with a p-field**”, *Crossing the Walls in Enumerative Geometry*, Snowbird, Utah.
- 2018-03 “**Log compactifications of GLSM moduli spaces**”, *Structures in Enumerative Geometry*, MSRI.
- 2018-01 “**Yamaguchi-Yau’s conjecture and finite generation**”, *Higher genus workshop*, ETH Zürich.
- 2018-01 “**Moduli spaces and virtual classes related to the quintic**”, *Higher genus workshop*, ETH Zürich.
- 2017-05 “**Wall-crossing in Higher-Genus Quasimap Theory**”, *RTG/FRG Mirror Symmetry Conference for Young Researchers*, University of Michigan.
- 2017-05 “**A conjectural formula for Witten’s r-spin class**”, *Geometry of Moduli Spaces*, UC San Diego.
- 2017-03 “**Faber’s tautological relations**”, *Workshop on Enumerative Geometry*, IHP.
- 2017-01 “**Higher genus epsilon wall-crossing via localization**”, *FRG Workshop: Crossing the Walls in Enumerative Geometry*, Columbia University.

- 2017-01 **“Conjectural formula for Witten’s r-spin class”**, *RTG Conference on Witten’s r-spin class and related topics*, University of Michigan.
- 2016-07 **“Frobenius manifolds near the discriminant and relations in the tautological ring”**, *AMS von Neumann Symposium*, Hilton Charlotte University Place.
- 2016-06 **“Wall-crossing in higher genus FJRW-theory of the quintic”**, *Chengdu International Conference on Gromov-Witten Theory*, Sichuan University.
- 2016-05 **“Around Pixton’s formula for the double ramification cycles”**, *Workshop on Symplectic Geometry and Mathematical Physics*, Beijing International Center for Mathematical Research.
- 2016-02 **“Pixton’s formulas: a proof for functions and a sketch for differentials”**, *Moduli spaces of holomorphic differentials*, Berlin.
- 2015-08 **“A formula for the double ramification cycle”**, *George Boole Mathematical Sciences Conference*, Cork, Ireland.
- 2015-06 **“Pixton’s formula for the double ramification cycle”**, *AMS-EMS-SPM International Meeting*, Porto, Portugal.
- 2015-06 **“Frobenius manifolds near the discriminant and relations in the tautological ring”**, *Geometric Invariants and Spectral Curves*, Lorentz Center, Leiden.
- 2014-10 **“Relations in the tautological ring”**, *Current Developments in Moduli Theory*, Northeastern University.
- 2014-10 **“r-spin relations on the moduli space of curves: new connections”**, *Workshop on Pixton’s conjectures*, ETH Zürich.
- 2014-09 **“Tautological relations from equivariant P^1 ”**, *Summer School: “Modern trends in Gromov-Witten theory”*, Leibniz Universität Hannover.
- 2013-10 **“Relations in the tautological ring from stable quotients”**, *FIM Conference: “Cohomology of the moduli space of curves”*, ETH Zürich.
- 2012-09 **“Diophantine equations, heights and the Manin conjecture”**, *Studienkonferenz DMV*, Saarbrücken.
Mini-course
- 2019-02 **“Variants of the DR cycle”**, *Winter School on Enumerative Geometry and Modular Forms*, Frankfurt.

Seminar

- 2023-11 “**A naive count of curves with tangencies**”, *Algebraic Geometry Seminar*, University of Illinois, Chicago.
- 2023-11 “**What is the moduli space of curves?**”, *What is ... Seminar*, UIUC.
- 2023-09 “**Higher genus mirror symmetry for quintic threefolds**”, *Mathematical Physics Seminar*, Purdue.
- 2023-09 “**Fixed point loci in moduli problems**”, *Algebraic Geometry Seminar*, UIUC.
- 2023-03 “**All genus LG/CY correspondence via log GLSM**”, *Online Algebraic Geometry Seminar*, Academia Sinica Taipei.
- 2022-05 “**Punctured R-maps**”, *Algebra Seminar*, University of Oregon.
- 2022-03 “**Counting covers of a torus**”, *Graduate Seminar*, University of Notre Dame, Zoom.
- 2022-03 “**Counting curves on quintic threefolds**”, *Algebraic Geometry and Number Theory Seminar*, Chalmers/the University of Gothenburg, Zoom.
- 2021-10 “**Higher genus mirror symmetry for complete intersection Calabi-Yau threefolds**”, *Geometry and Physics Seminar*, Northwestern University, Zoom.
- 2021-07 “**Counting curves on quintic threefolds**”, *Arithmetische und Algebraische Geometrie*, LMU Munich, Zoom.
- 2021-03 “**Tautological classes from complete intersections**”, *AGCA*, Notre Dame, Zoom.
- 2020-05 “**The locus of curves with holomorphic differentials and Witten’s r-spin class II**”, *Algebraic Geometry and Moduli Zoominar*, ETHZ, Zoom.
- 2019-11 “**Counting curves on quintic threefolds**”, *Algebraic Geometry Seminar*, Princeton University.
- 2019-10 “**On Gromov-Witten invariants of quintic threefolds**”, *Algebra-Number Theory Seminar*, University of Maryland.
- 2019-03 “**On Gromov-Witten invariants of quintic threefolds**”, *Algebraic Geometry Seminar*, University of Michigan.
- 2019-03 “**Holomorphic Anomaly Equations for quintic threefolds**”, *Algebraic Geometry Seminar*, Harvard/MIT.
- 2019-02 “**Logarithmic GLSM moduli spaces**”, *Algebraic Geometry Seminar*, University of Utah.

- 2019-01 **“Enumerative Geometry: Old and New”**, *Algebra/Topology Seminar*, University of Copenhagen.
- 2018-12 **“Enumerative Geometry: Old and New”**, *Differential Geometry and Symplectic Topology Seminar*, University of Minnesota.
- 2018-11 **“From holomorphic differentials to Witten’s r-spin class”**, *Topology Seminar*, University of Michigan.
- 2018-10 **“Logarithmic GLSM moduli spaces”**, *Geometry and Physics Seminar*, University of Michigan.
- 2018-06 **“On higher genus Gromov-Witten invariants of quintic threefolds II”**, *Helvetic Algebraic Geometry Seminar*, Schloss Hünigen, Switzerland.
- 2018-06 **“On higher genus Gromov-Witten invariants of quintic threefolds I”**, *Helvetic Algebraic Geometry Seminar*, Schloss Hünigen, Switzerland.
- 2018-05 **“On Gromov-Witten invariants of hypersurfaces”**, *EGN Moduli and Representation Theory seminar*, MSRI.
- 2018-04 **“On Gromov-Witten invariants of quintic threefolds”**, *Algebraic Geometry Seminar*, University of Arizona.
- 2018-04 **“On Gromov-Witten invariants of quintic threefolds”**, *Algebra Seminar*, University of Oregon.
- 2018-01 **“Moduli of meromorphic functions on algebraic curves”**, *Analysis and Geometry Seminar*, Central Michigan University.
- 2017-12 **“Structures for Gromov-Witten invariants of quintic threefolds”**, *Algebraic Geometry Seminar*, Harvard/MIT.
- 2017-10 **“Genus two curves on quintic threefolds”**, *Algebraic Geometry Seminar*, Stanford.
- 2017-08 **“Four ways of computing the locus of holomorphic differentials”**, *Algebraic Geometry and Moduli Seminar*, ETH Zürich.
- 2017-04 **“Four ways to compute strata of holomorphic differentials”**, *Algebraic Geometry Seminar*, University of Minnesota.
- 2017-04 **“Wall-Crossing via Localization”**, *Geometry and Physics Seminar*, University of Michigan.
- 2016-10 **“Topological Recursion Relations from Pixton’s relations”**, *Algebraic Geometry Seminar*, Ohio State University.
- 2016-09 **“Topological Recursion Relations”**, *Geometry and Physics Seminar*, University of Michigan.

- 2016-02 **“Double ramification cycles”**, *Informal Mathematical Physics Seminar*, Columbia University, New York.
- 2015-11 **“A formula for the double ramification cycle”**, *Mathematics - String Theory Seminar*, IPMU.
- 2015-09 **“Wall-crossing in higher genus FJRW theory”**, *Symplectic Geometry and Mathematical Physics*, Beijing International Center for Mathematical Research.
- 2015-05 **“Pixton’s formula for the double ramification cycle”**, *Symplectic Geometry and Mathematical Physics*, Beijing International Center for Mathematical Research.
- 2015-03 **“The moduli space of curves and the Airy function”**, *Séminaire de géométrie algébrique*, Paris.
- 2015-02 **“Pixton’s double ramification cycle relations”**, *Algebraic Geometry and Moduli Seminar*, ETH Zürich.
- 2015-02 **“Pixton’s formula for double ramification cycles II”**, *Forschungsseminar “Algebraische Geometrie”*, HU Berlin.
- 2014-10 **“The tautological ring and cohomological field theories”**, *Geometry and Physics Seminar*, University of Michigan.
- 2014-01 **“Tautological relations and chomological field theories”**, *Algebraic Geometry Seminar*, University of Utah.
- 2013-07 **“Relations in the tautological ring from stable quotients”**, *Algebraic Geometry and Moduli Seminar*, ETH Zürich.
- 2012-03 **“The housing theorem”**, *Algebraic Geometry Seminar*, ETH Zürich.
- Others
- 2019-11 **“The logarithmic gauged linear sigma model”**, *Future Science Prize Forum*, Beijing, China.
- 2019-09 **“Counting curves on quintic threefolds”**, *Short talks by postdoctoral members*, IAS Princeton.
- 2015-03 **“What is ... a tautological class”**, *Graduate Colloquium*, ETH Zürich.

Service

- Member of the UIUC math department Climate, Equity and Inclusivity committee (Fall 2023)
- Member of the Notre Dame math department postdoc committee (Fall 2022)
- Main organizer for NSF workshop on matrix factorizations and related

- topics (2022)
- Co-leader at the Riverbend Math Circle (Fall 2022)
- Judge at the Northern Indiana Regional Science & Engineering Fair (2022 and 2023)
- Main organizer for FRG workshop on strata of abelian differentials and related topics (2019)
- Local organizer for Workshop on Modular structures in Gromov-Witten theory and related topics (2018)
- Organizer for Workshop on Higher Genus Gromov-Witten theory invariants (2018)
- Organizer for FRG/RTG mirror symmetry conference for young researchers (2017)
- Main organizer for RTG conference on Witten's class and related topics (2017)
- Reviewer for *Advances in Algebraic Geometry* (Compositio Foundation), *Algebra & Number Theory*, *Annals of Combinatorics*, *Compositio*, *Duke Mathematical Journal*, *Inventiones Mathematicae*, *Forum of Mathematics Pi*, *G&T*, *IMRN*, *JAMS*, *JEMS*, *JIMJ*, *Portugaliae Mathematica*, *Selecta Mathematica* and *SIGMA*
- Serving on an NSF proposal review panel
- Reviewer for *AMS Mathematical Reviews*
- Dissertation committee member for Rongxiao Mi, Rachel Webb and Renata Picciotto

Conference Participation

- 2023-06 **Arithmetic, Birational Geometry, and Moduli Spaces**, *Brown University*.
- 2022-05 **Topics in Enumerative Geometry**, *University of Oregon*.
- 2021-06 **Enumerative geometry of surfaces**, *Oberwolfach, Germany*.
- 2019-09 **AGNES**, *Boston College*.
- 2019-03 **AGNES**, *UMass Amherst*.
- 2018-09 **AGNES**, *Brown University*.
- 2018-05 **Through the Looking-Glass: Mirror Symmetry and Quantum Cohomology**, *UC Berkeley*.
- 2018-03 **Mirror Symmetry and Enumerative Geometry**, *UC Berkeley*.
- 2018-03 **WAGS**, *SFSU*.
- 2017-07 **Conference on Enumerative Geometry, Mirror Symmetry and Physics**, *University of Illinois at Urbana-Champaign*.
- 2016-06 **String Math**, *College de France*.

- 2016-06 **Workshop - Curves on surfaces and 3-folds**, *CIB-EPFL*.
- 2016-06 **Workshop on Global Mirror Symmetry**, *Chern Institute of Mathematics*.
- 2015-07 **Summer Research Institute on Algebraic Geometry**, *University of Utah*.
- 2015-01 **SwissMAP Geometry and Topology conference**, *Engelberg, Switzerland*.
- 2014-09 **British Algebraic Geometry Meeting**, *University of Warwick*.
- 2014-06 **Classical Algebraic Geometry**, *Oberwolfach, Germany*.
- 2014-04 **Mirror symmetry and spin curves**, *Cortona, Italy*.
- 2013-10 **Cohomology of the moduli space of curves**, *ETH Zürich*.
- 2013-08 **Summer School on Moduli spaces in algebraic geometry and physics**, *Hamburg*.
- 2013-07 **Conference on Algebraic Geometry**, *University of Amsterdam*.
- 2013-05 **Advanced Course: “Compactifying moduli spaces”**, *CRM*.
- 2013-01 **Geometry of sheaves in low dimensions**, *Centro Stefano Franscini, Ascona*.
- 2012-10 **Geometry and topology of moduli**, *Humboldt Universität Berlin*.
- 2012-06 **GAeL**, *Grenoble*.
- 2012-04 **The moduli space of curves and its intersection theory**, *KTH, Stockholm*.
- 2011-07 **3rd Summer Workshop on Algebraic Geometry**, *Tübingen*.
- 2011-03 **Winter School “Heights and Algebraic Numbers”**, *Eberhard-Karls-Universität Tübingen*.