CURRICULUM VITAE

NOVEMBER, 2022

John T. Sheridan

EDUCATION

B.A., Harvard College, 2013
Ph.D., Stony Brook University, 2020

ACADEMIC EMPLOYMENT

2020-pres.: Lecturer of Mathematics, Princeton University

PUBLICATIONS

(1) *Divisor varieties and syzygies of symmetric products of curves*, PhD dissertation, State University of New York at Stony Brook, 2020.
(2) *Divisor varieties of symmetric products*, Int. Math. Res. Not. **2022** (2022), no. 13, 9830–9863.
(3) (with R. Lazarsfeld), *Torelli theorems for some Steiner bundles*, arXiv preprint arXiv:2208.13824 (2022).
(4) *Projective normality of canonical symmetric squares*, preprint in preparation, 2022.

INVITED TALKS

2019: UMass Amherst, AGNES Conference – Presented Poster.
      Rutgers University, Algebra Seminar.
      Humboldt University, Brill–Noether Theory Workshop.
      Princeton University, Algebraic Geometry Seminar.
      Notre Dame University, Algebraic Geometry Seminar.
2020: Stony Brook University, Algebraic Geometry Seminar.
      Online, MAGUS Conference.
      Online, AMS Special Session on Geometry and Arithmetic of Algebraic Varieties
      Princeton University, Algebraic Geometry Seminar.
2021: Kansas University, Algebraic Geometry Seminar.
      Online, MMP Learning Seminar (organized by J. Moraga).

OTHER PROFESSIONAL ACTIVITY

2014: *Math Circle* Class Leader, Northeastern University.
2015-2016: Co-organized Graduate Student Math Seminar, Stony Brook.
2016-2017: Co-organized RTG Geometry Seminar, Stony Brook.
2016-2017: Founded, co-organized Algebraic Geometry Student Seminar, Stony Brook.
2017: Co-organized Algebraic Stacks Seminar, Stony Brook.
2018: Mentored first-year algebraic geometry graduate student, Stony Brook.
2020: Mentored undergraduate for summer independent study, Stony Brook.
2020-2022: Mentored graduate students in teaching practicum, Princeton.
2022: Currently mentoring undergraduate student in extracurricular study, Princeton.
2015-2022: Wrote letters of recommendation for undergraduate students at Harvard, Stony Brook, Princeton.
2020-2022: Taught 3+3 with approx. 60 undergraduate students per semester, Princeton.
2020-2022: Participating member of Princeton Algebraic Geometry Seminar, Princeton.
2020-2022: Participated and gave one talk per semester in Princeton AG Preprint Seminar, Princeton.

Workshops and Conferences attended

2016: Workshop on unramified cohomology, derived categories, and rationality, University of Utah.
Local and Global Methods in Algebraic Geometry, a conference in honour of Lawrence Ein's 60th birthday, University of Illinois at Chicago.
Higher Dimensional Algebraic Geometry summer school and conference, University of Utah.
2018: Algebraic Geometry and its Broader Implications, a celebration of Robin Hartshorne's 80th and the book's 40th birthday, University of Illinois at Chicago.
Mixed Hodge Modules in Birational Geometry, Johannes Gutenberg University.
2019: Brill–Noether Theory: Geometric, Tropical and Singularity Aspects, Humboldt University.
2020: Western Algebraic Geometry ONline (WAGON), Online via Zoom.
Marvelous Algebraic Geometry Unraveled by Students (MAGUS), Online via Zoom.
AMS Special Session on Geometry and Arithmetic of Algebraic Varieties.
2014-2022: Algebraic Geometry North East Series (AGNES), northeastern US (biannual).
2022: Mini workshop on crystalline cohomology (organized by J. Witaszek), Princeton University.

Awards and Fellowships

2013: PRISE Fellowship, Harvard University.
2014-2019: Research Assistantship, Stony Brook University.
2022: Faculty Fellow in New College West, Princeton University.

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