

## Employment

- 2021–present **Teacher**, IIS “Segato”, Belluno, Italy.  
2020–2021 **Teacher**, IPSEO “Dolomieu”, Longarone, Italy.  
2019–2020 **Humboldt Research Fellowship (postdoc)**, Universität Stuttgart, Stuttgart, Germany.

## Research interests

Algebra, representation theory, higher dimensional Auslander-Reiten theory, quivers with potential, cluster theory, skew group algebras.

## Research articles

- 2020 **Orbifold diagrams**, with K. Baur and D. Velasco, Preprint, available at [arxiv.org/abs/2010.13812](https://arxiv.org/abs/2010.13812), 26 pages.  
2019 **Quivers with potentials and actions of finite abelian groups**, with S. Giovannini and P.-G. Plamondon, Preprint, available at [arxiv.org/abs/1912.11284](https://arxiv.org/abs/1912.11284), 18 pages.  
2019 **Skew group algebras of Jacobian algebras**, with S. Giovannini, Journal of Algebra vol. 526, p. 112–165.  
2019 **Self-injective Jacobian algebras from Postnikov diagrams**, Algebras and Representation Theory, <https://doi.org/10.1007/s10468-019-09882-8>, 32 pages.  
2019 **Tensor products of  $n$ -complete algebras**, Journal of Pure and Applied Algebra vol. 223, p. 3537–3553.  
2019 **Existence of symmetric maximal noncrossing collections of  $k$ -element sets**, with E. Thörnblad and J. Zimmermann, accepted for publication in Journal of Algebraic Combinatorics, available at [arxiv.org/abs/1808.03556](https://arxiv.org/abs/1808.03556), 12 pages.  
2017 **Tensor products of higher almost split sequences**, Journal of Pure and Applied Algebra vol. 221, p. 645–665.

## Education

- 2014–2019 **Ph.D. in Mathematics**, Uppsala Universitet, Uppsala, Sweden.  
Supervisor: Martin Herschend. Thesis title: Constructions in higher-dimensional Auslander-Reiten theory.  
2012–2014 **M.Sc. in Mathematics**, Università di Padova – Universiteit Leiden, ALGANT Erasmus Mundus Master, *with distinction*.  
Major: Algebra, Geometry and Number Theory.  
2009–2014 **Natural Sciences Class**, Galilean School of Higher Education, Padova, Italy.  
2009–2012 **B.Sc. in Mathematics**, Università di Padova, Padova, Italy, *110/110 with distinction*.

## Research visits

- 2018-11/12 **Universität Graz**, visiting K. Baur.  
2018-09/11 **Université Paris Sud XI**, visiting P.-G. Plamondon.  
2017-12 **Università di Padova**, visiting S. Giovannini.

## Talks

- 2019-05-23 **Benasque**, ALGANT Alumni Network Symposium.  
2018-11-22 **Universität Graz**, Algebra Seminar.  
2018-10-29 **IMJ-PRG Paris**, Algebra Seminar.  
2018-10-26 **Université Paris VII**, Higher-dimensional Auslander-Reiten theory seminar.  
2018-08-13 **CTU Prague**, International Conference on Representations of Algebras.  
2018-06-12 **Uppsala Universitet**, Algebra seminar.  
2017-12-20 **Università di Padova**, Algebra seminar.

2017-09-20 **Uppsala Universitet**, *PhD seminar*.  
 2017-09-05 **Uppsala Universitet**, *Algebra seminar*.  
 2016-11-05 **Uppsala Universitet**, *Algebra seminar*.  
 2016-09-21 **Uppsala Universitet**, *PhD seminar*.  
 2016-08-18 **Syracuse University**, *International Conference on Representations of Algebras*.  
 2015-12-18 **Università di Padova**, *Algebra seminar*.  
 2015-12-02 **Uppsala Universitet**, *PhD seminar*.  
 2015-06-17 **Uppsala Universitet**, *Algebra PhD day*.

## Conferences attended

2020-03 **Caen University**, *Journées d'Algèbre (à l'occasion des 60 ans de Bernard Leclerc)*, Caen, France.  
 2019-05 **Centro de Ciencias Pedro Pascual**, *ALGANT Alumni Network Symposium*, Benasque, Spain.  
 2019-05 **University of Leicester**, *Interactions between Representation Theory and Homological Mirror Symmetry*, Leicester, UK.  
 2018-08 **CTU Prague**, *International Conference on Representations of Algebras*, Prague, Czechia.  
 2018-03 **CIRM Luminy**, *Cluster algebras: 20 years on*, Luminy, France.  
 2017-06 **University of Leicester**, *New trends in representation theory: the impact of cluster theory on representation theory*, Leicester, UK.  
 2017-05 **NTNU**, *Idun 75: a conference on representation theory of artin algebras on the occasion of Idun Reiten's birthday*, Trondheim, Norway.  
 2016-08 **Syracuse University**, *International Conference on Representations of Algebras*, Syracuse, USA.  
 2016-03 **University of Stuttgart**, *Triangulated categories in Algebra, Geometry and Topology*, Stuttgart, Germany.  
 2015-07 **Università di Verona**, *Silting theory and related topics*, Verona, Italy.  
 2015-05 **Uppsala Universitet**, *Representation theory workshop*, Uppsala, Sweden.  
 2015-02 **CRM Barcelona**, *Winter school on commutative algebra and representation theory*, Barcelona, Spain.  
 2013-07 **Gulbenkian Foundation**, *Summer school on representation theory*, Lisbon, Portugal.

## Pedagogics education

2018 **Academic teacher training course (5 weeks)**, *Uppsala Universitet*.

## Teaching experience

2021–present **High school mathematics**, *IIS “Segato”*, Belluno.  
 2020–2021 **High school mathematics**, *IPSEOA “Dolomieu”*, Longarone.  
 2018 **Algebra II for mathematics students**, *Uppsala Universitet*, Course responsible and main instructor.  
 2018 **Linear algebra III for mathematics students**, *Uppsala Universitet*, Course responsible and main instructor.  
 2017 **Linear algebra III for mathematics students**, *Uppsala Universitet*, Course responsible and main instructor.  
 2014–2019 **Calculus, algebra and linear algebra courses for engineering and mathematics students**, *Uppsala Universitet*, Teaching assistant.