Andrea Pasquali

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Employment

2019–present **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

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, 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, 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

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.