

Department for Innovative Technologies
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 Born on 07.05.1979; from Arogno (TI), Switzerland.
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 Full CV: http://www.maestran.ch/CV_Delucchi_full.pdf



1. EDUCATION.

- *CAS Hochschuldidaktik* PH Zurich September 2021
- *Habilitation* in Mathematics, University of Bremen, Germany. July 2011
- Ph.D. in Mathematics (advisor: Eva-Maria Feichtner), ETH Zurich, Switzerland. July 2006
- Diploma in Mathematics (with distinction), ETH Zurich, Switzerland. May 2003

2. EMPLOYMENT HISTORY.

- Professor, University of applied arts and sciences of Southern Switzerland. Since Spring 2021
- Visiting fellow, University of Pisa, Italy. Spring 2021
- SNSF-Professor, University of Fribourg, Switzerland. 2014 - 2021
- Akademischer Rat, University of Bremen, Germany. 2010-2014
- Visiting Assistant Professor, State University of New York, Binghamton, NY, USA. 2008-2010
- Postdoc, Mathematical Sciences Research Institute, Berkeley, CA, USA. Fall 2007
- SNSF-Postdoc, University of Pisa, Italy. 2006-2007
- Assistant, ETH Zurich, Switzerland. 2003-2006

3. SCIENTIFIC OUTPUT.

- 23 accepted papers in mathematical research
- 3 preprints in mathematical research (available on ArXiv)
- 2 books (one co-authored, one co-edited).
- 3 peer-reviewed conference proceedings papers
- 4 papers in mathematics education and outreach (3 of them peer-reviewed).
 Complete information at <http://www.maestran.ch/math/publications.html>
- Several extended research stays (e.g., MSRI Berkeley, IPMU Tokyo, SNS Pisa, MFO Oberwolfach)
- More than 100 research talks in Canada, China, Finnland, France, Germany, Italy, Japan, Norway, Romania, Switzerland, Sweden, United Kingdom, USA.
 Complete information at <http://www.maestran.ch/math/talks.html>

4. SUPERVISION OF JUNIOR RESEARCHERS.

- *6 Postdocs*. Ivan Martino (2014-2016, PhD 2014 KTH Stockholm), Matthias Lenz (2015-2017, PhD 2012 TU Berlin), Farhad Babaei (2016-2018, PhD 2014 ALGANT Padova-Bordeaux), Alessio D'Alì (2016-2017, PhD 2016 Genova), Davide Bolognini (2017-2018, PhD 2014 Genova), Giovanni Paolini (2019, PhD 2019 SNS Pisa).
- *3 Doctoral students*. Sonja Riedel (2012-2016), Elia Saini (2014-2017), Linard Hössly (2015-2019, co-supervised with C. Mazza).
- *12 Master's theses* in Bremen (2), SUPSI (3), Fribourg (6), Bologna (1). *10 Bsc theses* (Bremen).

5. PRIZES, AWARDS, FELLOWSHIPS.

- Italian qualification (ASN) as Full Professor (professore ordinario) (2020).
- Fellow of the Institute of Advanced Studies at Università di Bologna, Italy (2019).
- Postdoctoral fellowship, the Mathematical Sciences Research Institute at Berkeley, CA, USA (2008).
- Polyà-price for high score diploma degree ETH Zurich, Switzerland (2003).

6. APPROVED RESEARCH PROJECTS AND THIRD PARTY FUNDING.

- SNSF scientific exchange program (conference grant), 2021, 24.500 CHF.
- SNSF-Professorship, 2014, ca. 1.500.000 CHF. Renewed 2018, additional ca. 600.000 CHF.
- Project “combinatorial invariants of toric arrangements”, Studienstiftung des Deutschen Volkes (PhD grant for Sonja Riedel), 2013, ca. 30.000 EUR.
- SNSF fellowship for prospective researchers, 2006, ca. 40.000 CHF.
- Projects for conference financing: ca. 20.000 CHF (CUSO), 15.000 EUR (INdAM, Italy).
- Several minor research and conference-funding grants (< 15000 CHF).

7. TEACHING ACTIVITIES (SUMMARY).

- *35 Lectures* on 15 different topics (mostly combinatorics, algebra and topology), at bachelor’s, master’s and Ph.D. level (9 at SUPSI, 1 at Pisa, 7 in Fribourg, 9 in Bremen, 9 at SUNY Binghamton).
- *11 Séminaire libres / Séminaires thématiques* at University of Fribourg.
- 2 Lectures in history and epistemology of mathematics at University of applied art and sciences of Southern Switzerland (SUPSI).
- Several lectures, seminars and minicourses at excellence programs for high school students (in Germany, Italy, Switzerland, USA) and for teacher’s continuing education (Switzerland, Italy).

Complete information at <http://www.maestran.ch/math/teaching.html>

8. INSTITUTIONAL RESPONSIBILITIES.

- *Institutional committees and deliberative bodies.*
Bremen: member of “Prüfungsausschuss” and Department’s council;
Fribourg: 3 deliberative commissions, regular member of Department’s and Science faculty’s councils.
DTI-SUPSI: Several project-related working groups, professor’s council, department’s council.
- *Esperto cantonale*, appointed by the *Consiglio di Stato* of Canton of Ticino. Responsible for teacher’s education and evaluation as well as for “maturità” exams at Mendrisio high school (since 2018).
- *Hiring committees.* Professur für Angewandte Analysis (Bremen).

9. MEMBERSHIP IN BOARDS AND PANELS; INDIVIDUAL REVIEWING ACTIVITIES.

- Scientific program committee of the conference Formal Power Series and Algebraic Combinatorics (FPSAC) 2018. Dartmouth college, USA. <http://fpsac.org/confs/fpsac-2018/>
- External member on the PhD committee of Aaron Dall (UPC Barcelona, 2015), Alexander Paunov (U Geneva, 2016) Olof Bergvall (Stockholm U, 2016), Olivier Bégassat (U Nice, 2017), Christoph Schiessl (ETHZ, 2017), Oscar Papini (U Pisa, 2018), Giovanni Paolini (SNS Pisa, 2019).
- Scientific board of the journal *Didattica della matematica - dalla ricerca alle esperienze d’aula*. Edited by Scuola Universitaria Professionale della Svizzera Italiana <http://www.rivistaddm.ch>
- Co-moderation of the *Arbeitsgruppe Mathematik* at KUGU3 (dritte Konferenz Übergang Gymnasium-Universität), Bern, 2017.
- *Individual reviewing activity.* Advances in Geometry; Annals of Combinatorics; Algebraic & Geometric Topology; Discrete Mathematics; Discrete and Computational Geometry; Electronic Journal of Combinatorics; European Journal of Combinatorics; FPSAC 2012 and 2013; International Mathematics Research Notices (IMRN); Journal of Combinatorial Theory series A and B; Journal of Algebraic Combinatorics; SIAM journal of Discrete Mathematics; Order; Topology proceedings.

10. ORGANISATION OF CONFERENCES (SUMMARY).

- International conferences: 2013 Cortona/SNS; 2017 Pisa; 2019 SIAM AG Bern; 2022 Lugano.
- International workshops/minisymposia: 2012 Bremen, 2016 Berlin, 2017 Pisa, 2017 Fribourg.
- 4 international doctoral schools: 2014 Neuchâtel; 2015 Les Diablerets; 2016 and 2017 Fribourg.
- Thematic semester *combinatorial methods*, UNIFR, 2015. <http://www.combinatorialmethods.ch>
- *InterCity seminar* Bern-Fribourg-Neuchâtel, since 2016.

Complete information (incl. co-organisers) at <http://www.maestran.ch/math/activity.html>

Updated on August 29, 2022