Silvia Properzi

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CURRENT POSITION

November 2022 – present

PhD student
Vrije Universiteit Brussel, Belgium

EDUCATION

October, 2021

Master's degree in Mathematics
University of Pisa, Italy
- Thesis title: *Hopf Galois theory and Hopf Galois correspondence: the case of minimal structures.*
  [https://etd.adm.unipi.it/theses/available/etd-10142021-100831/]
- Grade: 110/110 with honors

September, 2017

Bachelors's degree in Mathematics
University of Pisa, Italy
- Thesis title: *Gruppi nilpotenti finitamente generati.*
- Grade: 97/110

GRANTS

November 2022- October 2023

OZR backup mandate
Skew braces, quivers, and applications to the Yang-Baxter equation.

September 2023

FWO travel grant for workshop abroad
[Workshop: Lean for the Curious Mathematician 2023]

PRE-PRINTS

2023

S. Properzi, A. Van Antwerpen, *A common divisor graph for skew braces*, ArXiv:2306.12415

TALKS

June-July 2023

A common divisor graph for skew braces, LOOPS'23, Będlewo, Poland

June 2023

A common divisor graph for skew braces, Groups, Rings and the Yang-Baxter equation 2023, Blankenberge, Belgium

April 2023

A graph associated with finite skew braces, The Interplay Between Skew Braces and Hopf-Galois Theory, Keele University, Keele, UK

ORGANIZED CONFERENCES

June, 2023

Local organizer: Groups, rings, and the Yang-Baxter equation, Blankenberge, Belgium
https://www.ilariacolazzo.info/gryb2023/

WORKSHOPS

September, 2023	Lean for the Curious Mathematician 2023 (LftCM 2023), Düsseldorf, Germany https://lftcm2023.github.io/ [Partially funded by FWO and LftCM 2023 organization]

ATTENDED CONFERENCES

May, 2023	Dutch-Belgian discrete math seminar – 4th edition, Vrije Universiteit Brussel, Brussels, Belgium https://aidaabiad.win.tue.nl/dutchbelgiandiscretemathseminar.html
August, 2022	GAP workshop, Vrije Universiteit Brussel, Brussels, Belgium & online https://www.vub.be/gap-workshop
July, 2022	The algebra of the Yang-Baxter equation, Będlewo, Poland & online https://www.impan.pl/en/activities/banach-center/conferences/21-algebraybaxter
June, 2022	Groups theory in Florence III, University of Firenze, Florence, Italy https://sites.google.com/view/groupsinflorence/main
June, 2022	Groups & Algebras in Bicocca for Young algebraists, University of Milano-Bicocca, Milan, Italy https://staff.matapp.unimib.it/~/gaby/gaby2022/index.html
June, 2022	Ultramath, University of Pisa, Pisa, Italy https://www.ultramath.it/
January, 2022	Braces in Bracelet Bay, Swansea University, online https://sites.google.com/view/lmsmeetingbracesinbraceletbay/home

LANGUAGES

Italian, native speaker

English, upper-intermediate, certificates (University of Pisa): B2 and Academic Writing–Advanced level

French, intermediate