

SIMONE RAMELLO

... RESEARCH AREA AND INTERESTS

Mathematical logic and algebra. More specifically,

- > model theory and algebra of valued difference fields,
- > definability of henselian valuations.

... EDUCATION

- 2021 - now PhD (*Dr. rer. nat.*) in Mathematics
🎓 University of Münster 👤 Supervised by M. Hils and F. Jahnke
- 2019 - 2021 Master of Science (*Laurea magistrale*) in Mathematics, 110/110 *cum laude*
🎓 Università degli Studi di Torino 👤 Thesis supervised by M. Hils, F. Jahnke, and D. Zambella
- 2016 - 2019 Bachelor of Science (*Laurea triennale*) in Mathematics, 110/110 *cum laude*
🎓 Università degli Studi di Torino 👤 Thesis supervised by A. Andretta (AILA 2020 Thesis Prize)

... EMPLOYMENT

- 2021 - now Wissenschaftlicher Mitarbeiter (75%)
🏢 University of Münster, Institute for Logic and Foundational Research
- 2022 - 2023 Technical support for hybrid workshops (25%)
🏢 University of Münster, Cluster of Excellence Mathematics Münster

... CONTRIBUTED AND SEMINAR TALKS (SELECTION)

- 14/12/2023 *A model-theoretic stroll through the fields*
📍 Séminaire Compréhensible, Institut Fourier, Grenoble
- 13/11/2023 *The Kaplansky theory of non-inversive valued difference fields*
📍 GeoMod Final Conference, Freiburg
- 07/11/2023 *Definable henselian valuations and independent defect*
📍 Séminaire Théorie des Modèles et Groupes, IMJ-PRG, Paris
- 09/10/2023 *Defining henselian valuations: not all defect is created equal*
📍 Séminaire Général de Logique, IMJ-PRG, Paris
- 04/10/2023 *Definability of henselian valuations in positive characteristic* (with M. Ketelsen)
📍 PhDs in Logic 2023, Granada
- 21/09/2023 *How I Learned to Stop Worrying and Love Definable Henselian Valuations*
📍 Spectra LGBTQ+ Mathematics Conference 2023, Online
- 06/08/2023 *Axiomatizing valued difference fields: beyond surjectivity*
📍 International Seminar, Algebra Institut, Dresden

... RESEARCH VISITS

- 09/10 - 11/11/2023 IMJ-PRG, Université Paris Cité & DMA, École normale supérieure, Paris
👤 Hosts: Sylvie Anscombe, Silvain Rideau-Kikuchi

06/06 - 11/06/2023 Algebra Institut, Technische Universität Dresden, Dresden
👤 Host: Piotr Szewczyk

02/11 - 09/11/2022 Kurt Gödel Research Center, Vienna
👤 Host: Martin Hils

... ORGANIZING

2021 - 2023 Münster-Düsseldorf-Bonn GeSAMT
📍 University of Münster, University of Düsseldorf, University of Bonn

21/12 - 22/12/2023 Welcome Home 2023
📍 Dipartimento di Matematica, Università degli Studi di Torino, Torino

2022 - 2023 Informal PhD Seminar
📍 Mathematics Münster Graduate School, Münster

07/03 - 11/03/2023 European Conference on Interdisciplinary Model Theory
📍 Cluster of Excellence Mathematics Münster, Münster

... TEACHING AND SUPERVISION

Summer 2023 Teaching Assistant for *Einführung in die Algebra* (with M. Ketelsen)
👤 Lectured by F. Jahnke 🏛️ University of Münster

Summer 2022 Teaching Assistant for *Logik III - NIP Theories*
👤 Lectured by M. Hils 🏛️ University of Münster

... INSTITUTIONAL ROLES

2022 - 2024 Commissioner (Early Career Committee)
📍 Cluster of Excellence Mathematics Münster

2022 & 2024 Spokeperson
📍 Mathematics Münster Graduate School

2019 - 2021 Student Representative
📍 Dipartimento di Matematica, Università degli Studi di Torino

... OUTREACH AND WRITING

09/12/2023 *Stories make us human – Bridging the payoff versus process gap in mathematics*
📖 Mitteilungen der Deutschen Mathematiker-Vereinigung 🔗 available online

06/05/2023 *Changing the Narratives in Mathematics*
📖 FancyComma 🔗 available online

25/04/2023 *How hard is it to tell dynamical systems apart?*
📖 MathStatBites 🔗 available online