

SIMONE RAMELLO

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1 Education

PhD in Mathematics (Dr. rer. nat.) Model theory of valued fields Supervisors: M. Hils, F. Jahnke	2021 - 2024 (EXPECTED) MMGS, Münster, Germany
Master of Science in Mathematics Università degli Studi di Torino 110/110 with honours and mention	2019 - 2021 Turin, Italy
Bachelor of Science in Mathematics Università degli Studi di Torino 110/110 with honours	2016 - 2019 Turin, Italy
High school diploma Liceo Scientifico Statale "L.Cocito" 100/100	2011 - 2016 Alba, Italy

2 Prizes, Scholarships and Programs

Modelltheorie bewerteter Körper mit Endomorphismus Funding for PhD position, project supervised by M. Hils and F. Jahnke	2022 - ONGOING Deutsche Forschungsgemeinschaft
Model theory of large fields and the étale-open topology Master thesis project at the University of Münster, hosted by M. Hils and F. Jahnke	03/2021 - 07/2021 Erasmus+ for Traineeship
AILA 3+2 prize (B.Sc. thesis) Annual prize for the best logic theses in Italy ANNOUNCEMENT (in Italian)	2020 AILA
Excellence Track (B.Sc. in Mathematics) Extra-curricular program for motivated undergraduate students	2017 - 2019 Università degli Studi di Torino
Talenti Neodiplomati Scholarship for an internship (in Dublin, Ireland) for excellent high-school graduates	2016 Fondazione CRT

3 Research Interests

Model theory of valued fields
Unramified henselian valued fields; valued fields with an endomorphism; Cohen rings

4 Contributed Talks

Towards a model theory of Frobenius lifts Second Graduate Students' Workshop on Algebra, Logic and Analysis	24-25/03/2022 University of Szczecin
We Don't Talk About $(\mathbb{Z}, +, \times, 0, 1)$ Informal PhD seminar	23/02/2022 Westfälische Wilhelms-Universität Münster
The free pseudospace II Seminar zur Modelltheorie	10/01/2022 Westfälische Wilhelms-Universität Münster
How I learned to stop worrying and love valued fields Welcome Home 2021	22/12/2021 Università degli Studi di Torino
Stable groups and homogeneous spaces II Seminar in Model Theory - Introduction to Stability Theory	13/12/2021 Westfälische Wilhelms-Universität Münster
Étale methods in the model theory of fields Model Theory Seminar	20/07/2021 Heinrich-Heine-Universität Düsseldorf

Étale methods in the model theory of fields <i>Oberseminar Modelltheorie, Geometrie und Gruppentheorie</i>	06/05/2021 Westfälische Wilhelms-Universität Münster
The elementary theory of all pseudofinite fields <i>Modelltheorie pseudoendlicher Strukturen</i>	21/04/2021 Westfälische Wilhelms-Universität Münster
The cell decomposition theorem <i>O-Minimality and the André-Oort Conjecture</i>	01/12/2020 Westfälische Wilhelms-Universität Münster

5 Conferences, Workshops and Summer Schools

Second Graduate Students' Workshop on Algebra, Logic and Analysis 🔗 University of Szczecin	24/03/2022 - 25/03/2022 Szczecin, PL
British Postgraduate Model Theory Conference 2022 🔗 University of Manchester	12/01/2022 - 14/01/2022 Online
LGBTQ+Math Day 🔗 The Fields Institute for Research in Mathematical Sciences	18/11/2021 Online
MATRIX × IMAGINARY 2021 Online Gathering 🔗 Institut Henri Poincaré	08/09/2021 - 09/09/2021 Online
British Postgraduate Model Theory Conference 2021 🔗 University of Oxford	30/04/2021 Online
Graduate Student Conference in Logic XXII 🔗 University of Illinois at Urbana-Champaign	20/03/2021 - 21/03/2021 Online
British Postgraduate Model Theory Conference 2020 🔗 University of Leeds	8/01/2020 - 10/01/2020 Leeds, UK
AILA Summer School in Logic Courses: Computability theory, History and philosophy of logic	26/08/2019 - 31/08/2019 Gargnano, IT
AILA Summer School in Logic Courses: Lambda calculus and type theory, Model theory	27/08/2018 - 01/09/2019 Gargnano, IT

6 Community and Service

Speaker for the doctoral researchers Mathematics Münster Graduate School	2021 - 2023 Westfälische Wilhelms-Universität Münster
Member of "Matrice Comunitaria" Student association, Department of Mathematics	2018 - 2021 Università degli Studi di Torino
Student representative Department of Mathematics	2019 - 2021 Università degli Studi di Torino
First-year students tutor Department of Mathematics	2018 - 2019 Università degli Studi di Torino

7 Organizing

Informal PhD Seminar 🔗 Co-organized with M. Amelio and A. Fatalini	09/02/2022 - ONGOING Westfälische Wilhelms-Universität Münster
European Conference on Interdisciplinary Model Theory 🔗 Co-organized with A. Ammer and B. Boissonneau	07/03/2022 - 11/03/2022 Westfälische Wilhelms-Universität Münster

Münster-Düsseldorf GeSAMT VI ☞ Gemeinsames Seminar Algebra und Modelltheorie	12-13/11/2021 <i>Heinrich-Heine-Universität Düsseldorf</i>
Short Model Theory Huddle 2 ☞ Outreach conference Co-organized with F. Felix, M. Ketelsen, B. Tyrell	16-17-18/06/2021 <i>Online</i>
Merenda sin(oira) 2.0 Informal mini-conference targeted at undergraduate students	03/2021, 12/2020 <i>Università degli Studi di Torino</i>
Short Model Theory Huddle ☞ Model theory conference for students Co-organized with F. Felix	23/05/2020 <i>Online</i>
CATs @ Peano Informal reading group in category theory and applications	2019 - 2020 <i>Università degli Studi di Torino</i>
Merenda sin(oira) Informal mini-conference targeted at second and third-year students	2019 - 2020 <i>Università degli Studi di Torino</i>

8 Teaching

Tutorials for NIP Theories Lecturer: M. Hils	SS2022 <i>Westfälische Wilhelms-Universität Münster</i>
Seminar in Model Theory - Introduction to Stability Theory Co-organized with A. Ammer and M. Hils	WS2021/22 <i>Westfälische Wilhelms-Universität Münster</i>
Substitute high-school teacher (mathematics) Liceo Scientifico Statale "L. Cocito", Alba	09/11/2020 - 22/12/2020
Teaching Assistant for Geometry II B.Sc. in Mathematics	2020 - 2021 <i>Università degli Studi di Torino</i>
Teaching Assistant for Analysis II B.Sc. in Mathematics, B.Sc. in Mathematics for Finance	2019 - 2020 <i>Università degli Studi di Torino</i>

9 Engagement

Founding member of "Come volevasi divulgare" Italian collective for the popularization of advanced mathematics	2019 - TODAY
Scientific tutor at "Il laboratorio della curiosità" Italian institute devoted to hands-on scientific training for kids	2018 - 2020 <i>Torino, Italy</i>

Münster, March 21, 2022