



GIULIO RICCI

Website: ricci-giulio.github.io



EDUCATION

PhD in Mathematics, Radboud university.
Working on "formal degrees of Hecke algebras".
Supervisor: Prof. Maarten Solleveld.

December 2024- Present

Master of Mathematics in Algebra, University of Bonn.
Thesis title: "Unramified principal series for disconnected reductive groups".
Thesis supervisors: Prof. Jessica Fintzen, Dr. David Schwein.

October 2021- April 2024
Final grade: 1.9

Bachelor of Mathematics, Sapienza university of Rome.
Thesis title: "Una generalizzazione di un teorema di Ito".
Thesis supervisor: Prof. Ernesto Spinelli.

2018 - 2021
Final grade 110/110 cum laude

Main interests: Representation theory of p-adic reductive groups, the local Langlands correspondence, Bruhat-Tits theory.

TALKS AND SEMINARS

An introduction to Bruhat-Tits theory and some applications Rome, 10/2024
Research seminar in representation theory at Università di Torvergata- Organized by Prof. Martina Lanini and Prof. Fabio Gavarini.

Galois Representation Bonn, 09/2023
Kleine AG: "Modularity lifting theorems". Organized by Thomas Manopulo and Calle Sonne.

Unramified L-packets Bonn, 05/2023
Graduate seminar in "The local Langlands correspondence for non quasi-split groups", organized by Prof. Jessica Fintzen, Prof. Ana Caraiani, Dr. David Schwein.

Definitions and examples of the De concini-Procesi wonderful model Bonn, 04/2023
Graduate seminar in "The geometry of matroids, with a view towards representation theory" organized by Prof. Jacob P.Matherne.

The Moy-Prasad filtration Bonn, 12/2022
Graduate seminar in "Topics in Bruhat-Tits Theory", organized by Prof. Jessica Fintzen.

Irreducible representations and highest weight theory II Bonn, 11/2022
Graduate seminar in "Representations of Lie superalgebras", organized by Dr. Thorsten Heidersdorf.

Introduction to representations of Lie groups Bonn, 04/2022
Graduate seminar in "Introduction to Lie group and their representations", organized by Dr. Thorsten Heidersdorf.

LANGUAGES:

- **Italian:** Native speaker;
- **English:** Fluent;
- **Spanish:** Intermediate;
- **German:** Basic knowledge.

ATTENDED CONFERENCES

Workshop: Representations of supergroups	Bonn, 07/2024
Lefschetz Preparatory School	Krakow, 05/2024
Winter meeting in algebra and geometry	Rome, 12/2023
Panorama of Mathematics II	Bonn, 10/2023
Conference on Local Langlands and p-adic methods	Bonn, 06/2023
Interactions between Mathematics and Physics	Rome, 05/2023
Plücker Lectures 2022 by Kevin Buzzard and Johan Commelin	Bonn, 11/2022
Oberseminar in representation theory	Bonn, 2022/2023

PREVIOUS WORK EXPERIENCES

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| • Tutor for the course "Matematica" at Luiss University of Rome | WS 2024-2025 |
| • Tutor for the course "Algebra 2: Class field theory" at the University of Bonn | WS 2023-2024 |
| • Private tutor for algebra and geometry | 2021-present |

EXTRACURRICULAR ACTIVITIES

Professional waterpolo player	2016-2020
I played in the Italian Serie C championship for 4 years	
Theatre actor	2016-2020
I was a member of the Italian theatre company "Collettivo teatrale Peter Pan"	