



# GIULIO RICCI

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Born in 08/10/1999 Rome, Italy



## EDUCATION

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**PhD in Mathematics**, Radboud University of Nijmegen.

December 2024- Present

Working on "Formal Degrees of Hecke algebras".

Supervisor: Prof. Maarten Solleveld.

**Master of Mathematics in Algebra**, University of Bonn.

October 2021- April 2024

Thesis title: "Unramified principal series for disconnected reductive groups".

Final grade: 1.9

Thesis supervisors: Prof. Jessica Fintzen, Dr. David Schwein.

**Bachelor of Mathematics**, Sapienza University of Rome.

2018 - 2021

Thesis title: "Una generalizzazione di un teorema di Ito".

Final grade 110/110 cum laude

Thesis supervisor: Prof. Ernesto Spinelli.

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

## TALKS AND SEMINARS

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**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:

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

## ATTENDED CONFERENCES

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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   | 2021-2024    |

## EXTRACURRICULAR ACTIVITIES

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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"	