GIULIO RICCI

99giulioricci@gmail.com ♦ +39 3669908783

Born in 08/10/1999 Rome, Italy

Address: Bismarkstraße 04 Bonn, Germany

EDUCATION

Master of Mathematics in Algebra, University of Bonn. — Expected March 2024
Thesis title: "Unramified principal series for disconnected reductive groups". — Expected grade: 1.3
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, representation theory of Lie algebras.

TALKS AND SEMINARS

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-Prassad 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.

ATTENDED CONFERENCES

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

SKILLS

- Good knowledge of Phyton, C, Matlab, Latex;

- Basic knowledge of Machine learning;

- Basic knowledge of cryptography.

LANGUAGES:

- **Italian:** Native speaker;

- **English:** Fluent;

- **Spanish:** Basic knowledge;

- **German:** Basic knowledge.

PREVIOUS WORK EXPERIENCES

- **Tutor for the course of "Algebra 2" at the University of Bonn**   Winter semester 2023-2024
- **Private tutor for algebra and geometry**   2021-present
- **Other experiences:**
    - Swimming teacher for children   2019-2020
    - Entertainer at children's parties   2017-2021

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"