



GIULIO RICCI

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Born in 08/10/1999 Rome, Italy

Address: Bismarkstraße 04 Bonn, Germany



EDUCATION

Master of Mathematics in Algebra, University of Bonn.

October 2021- 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-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.

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 Python, 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: Class field theory" at the University of Bonn** WS 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"