

CURRICULUM VITAE – Vittorio Larotonda

Personal data

Vittorio Larotonda

Born in Melfi, Italy, 25 November 1999

Resident in Rionero in Vulture, Basilicata, Italy

Based in Bologna, Emilia Romagna, Italy

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Education

2023 – Currently PhD Student in Theoretical Physics, *Alma Mater Studiorum* - Università di Bologna

Supervisor: Ling Lin

Co-supervisor: Michele Cicoli

2021 – 2023 Master of Science in Theoretical Physics, Università degli studi di Torino.

Magna cum Laude.

Thesis title: “Anomaly inflow in non-supersymmetric String Theories”

Supervisors: Carlo Angelantonj, Ivano Basile.

Thesis in formal theoretical physics done at LMU with the collaboration of Max Planck Institute.

2022 – 2023 Erasmus+ student in Theoretical Physics, Ludwig-Maximilians-Universität München.

2018 – 2021 Bachelor in Physics, Università degli studi di Torino.

Magna cum Laude.

Thesis title: “Derivation of the complete equations of second order viscous hydrodynamics from the kinetic theory”

Supervisors: Marco Panero, Andrea Beraudo.

Theoretical thesis in collaboration with Istituto Nazionale di Fisica Nucleare.

2018 - 2023 Student of Collegio di Merito “R.Einaudi”, Turin.

Merit university college where I have to attend to 70 hours of extra-courses per academic year.

2013-2018 Scientific Liceum “Giustino Fortunato”, Rionero in Vulture.

High school diploma, vote: 100/100 cum laude.

Other training

2023 LACES – Lezioni avanzate di campi e stringhe, Galileo Galilei Institute, Firenze

PhD School on various topics in Formal Theoretical Physics.

2023 ASC School, “The Quantum Gravity Swampland and its consequences for the observable world”, Arnold Sommerfeld Centre, Munich

2023 Sommerfeld Theory Colloquium, Arnold Sommerfeld Centre, Munich

Title: “Constraints on Quantum Gravity”, relator: H. Ooguri

2023 ASC Colloquium, Arnold Sommerfeld Centre, Munich

Title: “Positivity constraints on theory space”, relator: L. Rastelli

2023 Fields&Strings, Max Planck Institute for Physics, Munich

Title: "The Dark Dimension", relator: M. *Montero*

2022 Winter School on Supergravity, Strings and Gauge Theory, CERN.

2017 Stage in Mathematics, Scuola Superiore di Catania, Catania.

Mathematics Internship offered in the occasion of the National Mathematics Olympiad.

Given conferences and seminars

2024 Journal Club, University of Bologna, Italy

Title: "Anomaly Inflow in non-supersymmetric String Theories"

2023 Lunch seminar, Max Planck Institute, Germany

Title: "Fake supersymmetry with tadpole potentials"

Prizes

2022 Awarded of the Start Stem scholarship.

2019 – 2021 Winner for three years of the "Giovanni Garavelli" study prize.

Study prize offered by Collegio di Merito "R. Einaudi" to the most deserving student.

2016-2017 First Place in the regional Mathematics Olympic Games "Olimpiadi della matematica".

Professional experiences

2021 Qui si Risolve, Author in collaboration, Rome.

Activity during which I worked on the didactic explanation of Physics exercises.

2020 – 2021 Università degli Studi di Torino, Tutor, Turin.

2021 Private lessons.

Private lessons at University level of Analysis I and General Physics

2017 Tour guide, IIS G. Fortunato.

Guide at the exhibition of physics experiments.

Languages

Italian mother tongue

English level: B2

French level: A2

German level A1

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