

CURRICULUM VITAE

PERSONAL INFORMATION

FIRST NAME / SURNAME **Ana Marija Vego**
ADDRESS ETH Zürich, Rämistrasse 101, 8049 Zürich
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NATIONALITY Croatian
DATE OF BIRTH 18.12.1999
GENDER Female

RESEARCH INTERESTS Analytic and algebraic number theory, L-functions, Cryptography

UNIVERSITY EDUCATION

DATES 2018
QUALIFICATION AWARDED Matura of the Republic of Croatia,
Examination for DSD II C1 (Deutsches Sprachdiplom der Kultusministerkonferenz zweite Stufe)

DATES 2018 - 2022
QUALIFICATION AWARDED Bachelor of science ETH in Mathematics
INSTITUTION ETH Zurich

DATES 2021 - 2023
QUALIFICATION AWARDED Master of science ETH in Mathematics
INSTITUTION ETH Zurich

DATES 2023 - present
QUALIFICATION AWARDED PhD Student in Mathematics
INSTITUTION ETH Zurich

TEACHING & WORK EXPERIENCE

DATES Sep 2021 - Dec 2021
POSITION Teaching assistant in Analysis I (1st year undergraduate course)
EMPLOYER / ADDRESS Department of Mathematics at ETH Zurich

DATES Jan 2022 - Jun 2022
POSITION Teaching assistant in Algebra II (2nd year undergraduate course)
EMPLOYER / ADDRESS Department of Mathematics at ETH Zurich

DATES Jan 2023 - Jun 2023
POSITION Teaching assistant in Algebra II (2nd year undergraduate course)
EMPLOYER / ADDRESS Department of Mathematics at ETH Zurich

DATES Sep 2023 - Feb 2024
POSITION Course coordinator for Algebra I (2nd year undergraduate course)
EMPLOYER / ADDRESS Department of Mathematics at ETH Zurich

DATES Feb 2024 - Aug 2024
POSITION Course coordinator for Algebra II (2nd year undergraduate course)
EMPLOYER / ADDRESS Department of Mathematics at ETH Zurich

NOTABLE MEMBERSHIPS

ORGANISATION [Swiss Study Foundation](#)
[Swiss Mathematical Society](#)
[ETH Chess Club](#) (cofounder and vice president)

THESES AND SCRIPTS

BSC THESIS [*Markov Numbers and their Relation to Hyperbolic Geometry*](#)
supervised by Prof. Dr. Özlem Imamoglu

SEMESTER PROJECT [*Traces of Singular Moduli*](#)
supervised by Prof. Dr. Özlem Imamoglu and Dr. Markus Schwagenscheidt

LECTURE PROJECT [*Eisenstein Series and Representations of Integers as Sums of Squares*](#)
supervised by Prof. Dr. Paul Nelson

SEMESTER PROJECT [*Computation of the Regulator*](#)
supervised by Prof. Dr. David Loeffler

MSC THESIS [*Heegner Points and Generalised Heegner Cycles*](#)
supervised by Prof. Dr. Sarah Zerbes

INVITED TALKS

TITLE [*Markov's Theorem on Diophantine Approximation and the Uniqueness Conjecture*](#)
INSTITUTION Zurich Undergraduate Colloquium in Mathematics and Physics, ETH Zurich

TITLE [*On binary polynomials not representing all integers*](#)
INSTITUTION Browning Group Working Seminar, Institute of Science and Technology Austria

TITLE Heegner points
INSTITUTION Euler Systems Seminar, University of Warwick

TITLE Kolyvagin's Euler System and Heegner Points
INSTITUTION Bernoulli Tafelrunde, University of Basel

TITLE What is... an Iwasawa algebra?
INSTITUTION Zurich Graduate Colloquium, University of Zurich

CONFERENCES, SEMINARS AND SUMMER SCHOOLS

TITLE Number theory days 2022
INSTITUTION Centre Bernoulli, EPF Lausanne

TITLE Automorphic Forms Summer School 2022
INSTITUTION Erdős Center, Budapest

TITLE London-Paris Number Theory Workshop
INSTITUTION Institut de Mathématiques de Jussieu-Paris Rive Gauche

TITLE ICM Sectional Workshop 2022, Number Theory and Algebraic Geometry
INSTITUTION ETH Zürich

TITLE ISTA's Summer Internship Program 2023
INSTITUTION Institute of Science and Technology Austria

TITLE IWASAWA 2023, In Memory of John Coates
INSTITUTION University of Cambridge

TITLE Workshop Alpbach 2023
INSTITUTION Alpbach, Austria

TITLE Modular Forms, L-functions, and Eigenvarieties, 2024
INSTITUTION Paris, France

TITLE Workshop Alpbach 2024
INSTITUTION Alpbach, Austria

SKILLS AND COMPETENCES

LANGUAGES SPOKEN Croatian (native), German (C1), English (C1), French (A1), Japanese (beginner)
COMPUTER SKILLS AND
COMPETENCES MATLAB, C++, Python, Latex