

Markus Maximilian Rudolf Tripp

Personal Information

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Education

since Oct. 2024 **Guest studies in Mathematics**, (*Technische*) *Universität Graz*.
since Oct. 2023 **Master's degree in Mathematics**, *Alpen-Adria-Universität Klagenfurt*.
2020–2023 **Bachelor's degree** (with distinction) in **Technical Mathematics**, *Alpen-Adria-Universität Klagenfurt*.
Bachelor's thesis, "[Factorization of square matrices over \$\mathbb{N}_0\$](#) ", supervised by [Roswitha Rissner](#).
2019 **A levels** (with distinction), *Bundesrealgymnasium Spittal/Drau*.
2011–2019 **Academic secondary school** (with distinction each year), *Bundesrealgymnasium Spittal/Drau*.
2007–2011 **Primary school**, *Volksschule Seeboden*.

Academic Employment

Summer 2024 **Research assistant**, *Alpen-Adria-Universität Klagenfurt*, Institut für Mathematik.
Literature review and summary of existing results in the area of "[Associated primes of powers of monomial ideals](#)" to support the application for a FWF project.
since 2022 **Teaching assistant**, *Alpen-Adria-Universität Klagenfurt*, Institut für Mathematik.
Teaching of multiple tutorials (see also "Teaching").
July 2018 **Summer intern**, *Alpen-Adria-Universität Klagenfurt*, Institut für Mathematik.

Non-Academic Activities

- 2019–2020 **Attendee of the voluntary ecological year**, *Klimabündnis Kärnten*.
Public relations, school workshops, talks, podcast production, technical support. Accompanying course with focus on environmental project management, vocational orientation and personality development. Realization of one's own environmental youth project.
- 2019–2020 **Participant in a course about local climate protection**, *Klimabündnis Österreich*.
Lectures and debates (with key individuals in Carinthia and Austria) about climate change and climate protection with special emphasis on the regional level.

Teaching

- WT 2022/23, 2023/24, 2024/25 **Linear Algebra 1**, *Alpen-Adria-Universität Klagenfurt*.
Tutorial; Co-Tutor: Johannes Schmucker.
- ST 2023, 2024 **Linear Algebra 2**, *Alpen-Adria-Universität Klagenfurt*.
Tutorial; Co-Tutor: Johannes Schmucker.
- ST 2024 **Analysis for Informatics**, *Alpen-Adria-Universität Klagenfurt*.
Tutorial; Co-Tutor: Johannes Schmucker.
- ST 2023 **Combinatorial Structures**, *Alpen-Adria-Universität Klagenfurt*.
Tutorial; Co-Tutor: Johannes Schmucker.
- ST 2022 **Mathematics for Economic Sciences**, *Alpen-Adria-Universität Klagenfurt*.
Tutorial.

Awards

- 2023–2025 **Klagenfurt Scholarship**, *Stadt Klagenfurt*.
Scholarship awarded to exceptional Master's students at Alpen-Adria-Universität Klagenfurt.
- 2022, 2023, 2024 **Merit-Based Scholarship**, *Alpen-Adria-Universität Klagenfurt*.
Academic years 2021/22, 2022/23, and 2023/24, attained a GPA of 1.0 on the top 52 ECTS each.
- 2022 **Early Student Award**, *Österreichische Mathematische Gesellschaft*.
Award for excellent maths students of the first academic years from Austria.
- 2019 **TeWi-Schüler*innenpreis**, *Alpen-Adria-Universität Klagenfurt*.
2nd prize for the *Vorwissenschaftliche Arbeit* (pre-scientific thesis).

Further University Engagement

- since 2024 **Member of the curriculum committee for mathematics**, *Alpen-Adria-Universität Klagenfurt*.
- 2023–2024 **Member of the appointment committee for the professorship in “Mathematical Optimization”**, *Alpen-Adria-Universität Klagenfurt*.

Selected Media Coverage & Panels

- Aug. 2022 **“Technische Mathematik ist die beste Studienwahl”**, *Alpen-Adria-Universität Klagenfurt*, Institut für Mathematik.
Interview about my choice of degree.
- June 2020 **“Folge #7 Klimaschutz in Verfassung festschreiben”**, *KOMPASS mit Peter Kaiser*.
Podcast talk with the governor Peter Kaiser about the “Klimavolksbegehren”.
- June 2020 **“Kärntner des Tages: Aktivist der „Generation Greta“**”, *Kleine Zeitung*.
- June 2020 **“Pressekonferenz zum Klimavolksbegehren!”**.
Press conference with governor Peter Kaiser and provincial councilor Sara Schaar as Carinthian spokesman of the “Klimavolksbegehren”.
- May 2020 **“Jugendforum I”**, *Europäische Toleranzgespräche*, Denk.Raum.Fresach (online).
Co-Panelists: Bernhard Heinzlmaier, Uli Böker, Reinhart Rohr; Moderator: Roland Gruber.
- 2020 **“klimaverbündet”**, *Klimabündnis Kärnten*.
Climate podcast show.
- 2020 **“KlimCast – Der Jugendpodcast zur Klimakrise”**.
Climate podcast project as a part of the “FUJ”; Co-Hosts: Lea Drahosch, Fabian Kuzmic.
- March 2020 **“Aktivist im Dienst der Klima und Menschheit”**, *radio AGORA 105,5*.
- Feb. 2020 **4F Klima Gespräche**, *Volkswirtschaftliche Gesellschaft Kärnten*.
Co-Panelists: Harald Rieder, Alfred Posch, Edgar Herrenbrück; Moderator: Christoph Aste.

Social Commitment

- climate activism co-founder of **“Fridays For Future Spittal/Drau”**, former Carinthian spokesman of the **“Klimavolksbegehren”**

Note: see also “Selected media coverage & panels”

Last update: January 31, 2025