

# Markus ALTHANNS

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Munich, Germany | August 17, 1997  
NATIONALITY: German, Swiss residence permit  
Leonhardstrasse 21, 8092 Zurich, Switzerland  
[malthanns@ethz.ch](mailto:malthanns@ethz.ch), +41 79 362 39 99

## RESEARCH INTERESTS

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Monetary Economics, Financial Intermediation, Macroeconomics, Banks, Search and Matching

## EDUCATION

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JAN 2021-PRESENT | PhD in Economics at Center of Economic Research | **ETH Zurich**  
Monetary Economics and Financial Intermediation  
Supervisor: Prof. Dr. Hans Gersbach, Advisor: Dr. Hugo van Buggenum

JAN 2021-DEC 2021 | Doctoral Courses | **University of Zurich**  
First-year courses in Macroeconomics, Microeconomics, and Econometrics

SEP 2018-SEP 2020 | Master of Science in MATHEMATICS IN BUSINESS AND ECONOMICS | **University of Mannheim**  
Stochastic Analysis, Econometrics | Final grade: *with distinction*  
Thesis: "Pathwise Stochastic Differential Equations" | Supervisor: Prof. Dr. David J. PRÖMEL

SEP 2019-DEC 2019 | Exchange semester | **University of Oslo**  
Stochastic Analysis, Econometrics

SEP 2015-AUG 2018 | Bachelor of Science in ECONOMATHEMATICS | **Julius Maximilian University of Würzburg**  
Stochastics, Microeconomics | Final grade: *with distinction*

## RESEARCH PAPERS

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Working Papers | THE MONETARY POLICY HAIRCUT RULE  
with Prof. Dr. Hans Gersbach

CREDIT ENFORCEMENT AND MONETARY-POLICY TRANSMISSION IN A SEARCH ECONOMY  
with Prof. Dr. Hans Gersbach and Dr. Hugo van Buggenum

Work-in-Progress | MONETARY POLICY, CAPITAL REQUIREMENTS, AND PRIVATE MONEY CREATION  
single-authored

STRATEGIC DEBT IN A MONETARY ECONOMY  
with Dr. Hugo van Buggenum

## PRESENTATIONS AND CONFERENCES

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2023 | Financial Stability, Strategy and Risk Research Meeting | **Bank of England**, London  
Annual Conference of the "Verein für Socialpolitik" | **University of Regensburg**  
European Economic Association Meeting | **Barcelona School of Economics**  
PhD Conference of the Royal Economic Society | **University of Glasgow**  
71st Annual Congress of the French Economic Association | **SciencesPo Paris**  
16th RGS Doctoral Conference in Economics | **University of Bochum**

2022 | Summer Workshop on Money, Banking, Payments, and Finance | **Fed Board**, Washington, D.C.  
Astute Modelling Seminar | Center of Economic Research, **ETH Zürich**

## TEACHING

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FEB 2024-MAY 2024	Economic Growth, Cycles and Policy   Master's level at <b>ETH Zurich</b>
SEP 2023-DEC 2023	Monetary Theory   Master's level at <b>ETH Zurich</b>
OCT 2017-MAR 2018	Introduction to Mathematics for Economists   Bachelor's level at <b>University of Würzburg</b>

## SCHOLARSHIPS

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JAN 2016-SEP 2020	German Academic Scholarship Foundation (Studienstiftung des Deutschen Volkes)
APRIL 2017-SEP 2020	Max Weber Programme   Scholarship from the Free State of Bavaria

## EXPERIENCE

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JUL 2023-SEP 2023	PhD Internship at <b>Bank of England</b> , London Bank Resilience Division Development of a dynamic general-equilibrium model to explain and quantify counter-cyclical capital buffers
MAR 2020-DEC 2020	Student Assistant at <b>ZEW – Leibniz Centre for European Economic Research</b> , Mannheim Junior Research Group <i>Digital Market Design</i>
JUL 2018-AUG 2018	Intern at <b>Bayerische Landesbank (Bavarian State Bank)</b> , Munich Risk Office
SEP 2017-MAR 2018	Student Assistant at <b>Julius Maximilian University of Würzburg</b> Chair of Mathematics VIII – Applied Stochastics

## LANGUAGES

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GERMAN: Mothertongue	ENGLISH: Fluent	ITALIAN: Basic Knowledge
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## COMPUTER SKILLS

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Advanced Knowledge	$\LaTeX$ , PYTHON, R, MS Office
Intermediate Knowledge	Access, JAVA, SQL, VBA

## PRO BONO WORK

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Church music	Training as C-church musician at ARCHDIOCESE OF MUNICH AND FREISING   2013-2015 Deputy organist and choir conductor at PARISH AND UNIVERSITY CHURCH ST. LUDWIG, MUNICH
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## REFERENCES

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Prof. Dr. Hans Gersbach ETH Zurich 8092 Zurich, Switzerland	Quynh-Anh Vo, Ph.D. Bank of England EC2R 8AH London, United Kingdom	Hugo van Buggenum, Ph.D. ETH Zurich 8092 Zurich, Switzerland
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Zurich, January 31, 2024