

REMO NYFFENEGGER

University of Basel
Faculty of Business and Economics
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CURRENT POSITION

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| 2019 - Present | RESEARCH AND TEACHING ASSISTANT, CHAIR OF ECONOMIC THEORY, University of Basel. |
| 2019 - Present | RESEARCH ASSISTANT, CENTER FOR INNOVATIVE FINANCE, University of Basel. |

EDUCATION

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| 2019 - Present | PH.D. IN MONETARY ECONOMICS University of Basel. Supervisor: Prof. Dr. Aleksander Berentsen. |
| 2019 - 2020 | SWISS PROGRAM FOR BEGINNING DOCTORAL STUDENTS Study Center Gerzensee, Foundation of the Swiss National Bank. Econometrics, Macroeconomics, Microeconomics. Grade: 5.5/6. |
| 2017 - 2018 | MASTER OF SCIENCE IN INTERNATIONAL AND MONETARY ECONOMICS University of Berne and University of Basel. Grade: 6/6. Thesis: "Scaling Bitcoin" Grade: 6/6. |
| 2014 - 2016 | BACHELOR OF ARTS IN BUSINESS AND ECONOMICS University of Basel. Grade: 5.7/6. Thesis: "Determinants of Changes in Real Interest Rates in Switzerland: A Comparative Approach". Grade: 6/6. |

PREVIOUS POSITIONS

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| 2018 - 2019 | INTERNSHIP, SWISS NATIONAL BANK Organisation unit: Economic Analysis International. |
| 2016 - 2018 | JUNIOR ASSISTANT, CHAIR OF ECONOMIC THEORY University of Basel. |
| 2017 - 2018 | RESEARCH ASSISTANT, CENTER FOR INNOVATIVE FINANCE University of Basel. |
| 2017 | RESEARCH ASSISTANT, NCCR - ON THE MOVE University of Basel. |

RESEARCH INTERESTS

Monetary Economics, Monetary Policy, Macroeconomics, Blockchain, DLT.

PUBLICATIONS

An Introduction to Zero-Knowledge Proofs in Blockchains and Economics, with Aleksander Berentsen and Jeremias Lenzi. Federal Reserve Bank of St. Louis *Review*, Fourth Quarter 2023, pp. 280-94.

Token Sales: Eine Analyse des Blockchain-basierten Unternehmensfinanzierungsinstruments, with Fabian Schär. Corporate Finance, 05/2018.

OTHER WORK

A Walk-through of a Simple Zk-STARK Proof, with Aleksander Berentsen and Jeremias Lenzi
Scaling Bitcoin, Master's Thesis, 2018

WORKING PAPERS

Central Bank Digital Currency and Bank Intermediation: Medium of Exchange vs. Savings Vehicle

A Proposal for a Layer-2 CBDC

CBDC and Bank Lending: The Role of Financial Frictions, with Fernando Cirelli

WORK IN PROGRESS

MORE SOON

RESEARCH VISITS

2022 Federal Reserve Bank, St. Louis, MO

REFEREEING

The Review of Economic Studies

SEMINARS AND CONFERENCES

2023 The 2023 Rice-LEMMA Monetary Conference at Paris-Panthéon-Assas University; Research Seminar Center for Innovative Finance University of Basel; Workshop in Provence Economic Theory Group University of Basel; Finance meets DLT Conference in Basel (Moderator); SNB-CIF Conference on Cryptoassets and Financial Innovation (hearer).

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| 2022 | Virtual Seminar Series on Central Banking Digital Currencies (CB&DC): Job Market Candidate Virtual Workshop; Summer Workshop on Money, Banking, Payments, and Finance at Federal Reserve Board, Washington, D.C.; CEBRA 2022 Annual Meeting; First PhD Workshop in Money and Finance by Sveriges Riksbank and CeMoF Stockholm University; 9th Annual MMF PhD Conference; Young Swiss Economists Meeting; Theories and Methods in Macroeconomics 2022; University of Basel lunch seminar; Reading Group Economic Theory Group University of Basel; DeFi 22 by SNB and BIS Innovation Hub (hearer); SNB-CIF Conference on Cryptoassets and Financial Innovation (hearer). |
| 2021 | Study Center Gerzensee Alumni conference (Switzerland); Reading Group of the Economic Theory Group of the University of Basel. |
| 2018-2020 | Reading Group Economic Theory Group University of Basel; Second Global Macroeconomic Workshop in Marrakech (hearer); Fifth Macro Marrakech Workshop (hearer); International Days of Macroeconomics and Finance 2018 in Rabat (hearer); Macro Marrakech – Fourth Workshop in Macroeconomics (hearer). |

AWARDS

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| 2018 | Best Master Degree Award of the Faculty of Business and Economics at the University of Basel 2017/2018 sponsored by the “Vereinigung Basler Ökonomen” (VBÖ). |
| 2018 | Best Master Thesis Award of the Faculty of Business and Economics at the University of Basel 2017/2018 sponsored by the “Foundation of the Basler Kantonalbank”. |

TEACHING (UNIVERSITY OF BASEL)

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| 2019, 2020, 2021 | Lecturer for “Money, Banking and Payment Systems” (Bachelor). |
| 2022 | Teaching Assistant for “Monetary Theory” (Master). |
| 2021, 2022 | Teaching Assistant for “Monetary Economics and Payment Systems” (Seminar about Decentralized Finance, Master). |
| 2022, 2023 | Teaching Assistant for “Money, Banking and Payment Systems” (Bachelor). |
| 2021, 2022 | Teaching Assistant for “Current Topics in Economics” (Bachelor, Seminar Paper) |
| 2016, 2017, 2022 | Teaching Assistant for “Introduction in Game Theory and Experimental Economics” (Bachelor). |

LANGUAGE SKILLS

German (Native), English (Fluent), French (Intermediate), Italian (Basics), Spanish (Basics)

SOFTWARE SKILLS

Python (Very Good), Matlab (Very good), L^AT_EX (Very good), MS Office (Very good), Groovy (Good), Java (Good), R (Good), Stata (Good), EViews (Basics)