

DOMINIK NAEHER

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University of Göttingen
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RESEARCH AREAS

Development Economics, Microeconomics, International Economics, Economics of Information

ACADEMIC POSITIONS

Postdoctoral Research Fellow at the chair of Prof. S. Vollmer, University of Göttingen since 08/2021
Assistant Professor, School of Economics, University College Dublin 08/2018 - 07/2021
Doctoral Researcher at the chair of Prof. M. Schündeln, Goethe University Frankfurt 10/2014 - 07/2018
Research Assistant to Prof. A. Schabert and Prof. L. Linnemann, TU Dortmund 04/2011 - 09/2013

VISITING POSITIONS

Visiting Lecturer, Stellenbosch University 10/2023
Visiting Lecturer, University of Clermont Auvergne 05/2023
Visiting Scholar, University of Vienna 09/2020
Visiting Scholar, Asian Institute of Technology, Bangkok 02/2020 - 04/2020
Visiting Scholar, Center for Evaluation and Development, Mannheim 01/2019 - 02/2019
Visiting Lecturer, Pyongyang University of Science and Technology 03/2017 - 06/2017
Visiting Scholar, African Center for Economic Transformation, Accra 02/2017

POLICY ADVICE AND CONSULTING WORK

African Center for Economic Transformation, Accra, Ghana
Member of the Technical Advisory Group for DEPTH 2.0 since 07/2023
World Bank, Washington, D.C.
Economic Consultant (part time), Equitable Growth, Finance, and Institutions since 05/2023
Practice Group: Whole of Economy Macro Critical Aspects of Climate Change
Economic Consultant (part time), Independent Evaluation Group 06/2018 - 06/2023
Operations Officer (Carlo Schmid Fellow), Operations Policy and Country Services 09/2016 - 02/2017
European Bank for Reconstruction and Development, London, UK
Economic Consultant (part time), Impact & Results Management Unit 06/2023 - 01/2024
Asian Development Bank, Manila, Philippines
Consultant (part time), ADB European Representative Office 12/2015 - 08/2016
Intern, Independent Evaluation Department 02/2015 - 04/2015

OTHER PROFESSIONAL EXPERIENCE

Center for Financial Studies, Goethe University Frankfurt, Germany
Research Assistant, Sustainable Architecture for Finance in Europe 10/2013 - 09/2014
Fraunhofer Institute for Material Flow and Logistics, Dortmund, Germany
Research Assistant, Department of Intralogistics and IT Planning 05/2011 - 11/2011
KfW Development Bank, Managua, Nicaragua
Intern, Financial Cooperation 01/2011 - 03/2011
Signal Iduna Insurance Group, Dortmund, Germany
Intern, Department of Actuarial Controlling 03/2009
Dr. Bergmann - Dr. Rohde & Consulting Group, Bochum, Germany
Student Assistant, Data Analysis Center 04/2007 - 01/2008

EDUCATION

- PhD in Economics** (*summa cum laude*), Goethe University Frankfurt (GSEFM) 06/2018
 Thesis: Technology Adoption and Information Processing: Theory and Applications to Rural Development
 Committee: Matthias Schündeln, Mirko Wiederholt, Philipp Harms, Andreas Grunewald
- Graduate Diploma in International Relations**, University of London International Programs 08/2016
- MSc Quantitative Economics**, Goethe University Frankfurt 04/2016
- MSc Economics**, TU Dortmund University, Germany 08/2013
 Visiting Student, Complutense University of Madrid, Spain Spring 2012
- BSc Business Mathematics**, TU Dortmund University 08/2011
 Visiting Student, University of Iowa, Iowa City, USA Fall 2010

SELECTED PUBLICATIONS

- Technology Adoption under Costly Information Processing, *International Economic Review*, 2022, 63(2): 699-753.
- The Demand for Advice: Theory and Empirical Evidence from Farmers in Sub-Saharan Africa (with Matthias Schündeln), *World Bank Economic Review*, 2022, 36(1): 91-113.
 - Working paper version: *World Bank Policy Research Working Paper*, No. 9532.
- The Social Planning Problem with Costly Information Processing: Towards Understanding Production Decisions in Centralized Economies, *Economica*, 2023, 90(357): 285-314.

OTHER JOURNAL ARTICLES

- The Good, the Bad, and the Ugly: New Evidence on Alternative Views of Corruption (with Želko Bogetić), *Applied Economics*, forthcoming.
- Cash for Coolers or Sustainable Lighting? Assessing Different Components of a Large-Scale Energy Efficiency Program in Mexico (with Raghavan Narayanan and Virginia Ziulu), *Journal of Development Studies*, 2024, 60(4): 479-493.
- Corruption and Government Revenue: Evidence of a Non-Linear Relationship Driven by Crises (with Želko Bogetić), *Journal of Applied Economics*, 2024, 27(1): 1-17.
- Intelligent Computational Methods for Economics: Editorial (with Takfarinas Saber and Malika Bendeche), *Expert Systems*, 2024, 41(2): e13523.
- Regional Economic Integration and Machine Learning: Policy Insights from the Review of Literature (with Philippe De Lombaerde, Takfarinas Saber, Hung Vo), *Journal of Policy Modeling*, 2023, 45(5): 1077-1097.
- Household and Plot-Level Survey Data on Adoption, Outcomes, and Perceptions of Early Sown Wheat and Zero Tillage in Northwest India (with Basma Albanna, Abhijeet Kumar, Sebastian Vollmer), *Scientific Data*, 2023, 10(516): 1-5.
- On the Optimal Size and Composition of Customs Unions: An Evolutionary Approach (with Philippe De Lombaerde and Takfarinas Saber), *Computational Economics*, 2023, 62: 1457-1479.
- Impacts of Energy Efficiency Projects in Developing Countries: Evidence from a Spatial Difference-in-Differences Analysis in Malawi (with Raghavan Narayanan and Virginia Ziulu), *Energy for Sustainable Development*, 2023, 73: 365-375.
 - Working paper version: *World Bank Policy Research Working Paper*, No. 9842.
- Measuring Untapped Revenue Potential in Developing Countries: Cross-Country Frontier and Panel Data Analysis (with Želko Bogetić and Raghavan Narayanan), *Journal of Public Finance & Public Choice*, 2023, 38(1): 89-127.
 - Working paper version: *World Bank Policy Research Working Paper*, No. 9776.
- Attracting Private Capital for Development: Are Poorer Countries Less Efficient? (with Raghavan Narayanan), *International Economics and Economic Policy*, 2023, 20: 1-26.
- Do Democracies Perform Worse During Pandemics? Evidence from 2020 (with Yuyang He), *Economics Bulletin*, 2022, 42(3): 1681-1687.

Regional Integration Clusters and Optimum Customs Unions: A Machine Learning Approach (with Philippe De Lombaerde and Takfarinas Saber), *Journal of Economic Integration*, 2021, 36(2): 262-281.
 - Working paper version: *UNU-CRIS Working Paper, No. WP21-04*.

Untapped Regional Integration Potential: A Global Frontier Analysis (with Raghavan Narayanan), *Journal of International Trade & Economic Development*, 2020, 29(6): 722-747.

An Empirical Estimation of Asia's Untapped Regional Integration Potential Using Data Envelopment Analysis, *Asian Development Review*, 2015, 32(2): 178-195.
 - Working paper version: *ADB Economics Working Paper, No. 445*.

BOOK CHAPTERS

Applications of DEA to Evaluate Resource Mobilization and Regional Integration Outcomes: Recent Trends and Future Challenges (with Raghavan Narayanan). In: *Handbook on Data Development Analysis in Business, Finance, and Accounting*, S. Boubaker and T. Ngo (Eds.), World Scientific, forthcoming.

Hunger, Food Insecurity, and Poverty Traps: Theory and Empirical Evidence from Developing Countries. In: *Economics in Action: Topics and Resources*, T. Brancaccio et al. (Eds.), McGraw-Hill, 2019.

WORKING PAPERS

Learning vs. Costly Information Processing in Technology Adoption: Evidence from a Cluster Randomized Controlled Trial in India (with Sebastian Vollmer), *Journal of Development Economics, Revise & Resubmit (Pre-Results Track)*.

The Political Economy of Patent Buyouts (with Amal Ahmad and Sebastian Vollmer), *RAND Journal of Economics, Reject & Resubmit*.

The Long-term Consequences of the Global 1918 Influenza Pandemic: A Systematic Analysis of Census Data from 51 Countries (with Juditha Wójcik, Christian Bommer, Sebastian Vollmer).

Relevance of the World Bank Group's Early Response to COVID-19: A Cross-Country Sector Analysis (with Raghavan Narayanan and Virginia Ziulu), *World Bank Policy Research Working Paper*, No. 9935.

Evaluating Accession Decisions in Customs Unions: A Dynamic Machine Learning Approach (with Philippe De Lombaerde and Takfarinas Saber), *World Economy, R&R*.

WORK IN PROGRESS

Pricing of Add-On Products with Rationally Inattentive Consumers (with Sergey Turlo).

The Economic Lives of the Poor Revisited (with Sebastian Vollmer).

Is Escaping the Fiscal Pro-Cyclicality Trap Possible? Evidence from MENA (with Željko Bogetić).

Using Data-Powered Positive Deviance to Assess the Adoption and Impact of Early-Sown Wheat Varieties in India (with Basma Albanna, Gunnar Hesch, Daniel Otto, Mohammad Hassan, Meha Jain, Sebastian Vollmer, Hanna Ewell, Raphael Nawrotzki).

CONTRIBUTIONS TO POLICY REPORTS

Impact Assessment of Two Energy Efficiency Projects in Malawi and Mexico. In: *World Bank Group Support to Demand-Side Energy Efficiency: An Independent Evaluation*, World Bank, 2023.

Relevance of the World Bank Group's Early Response to COVID-19: A Cross-Country Sector Analysis. In: *The World Bank Group's Early Support to Addressing the Coronavirus (COVID-19) Economic Response: An Early-Stage Evaluation*, World Bank, 2023.

Cross-Country Analysis of Domestic Revenue Mobilization Efficiency in Low- and Middle-Income Countries. In: *World Bank Support for Domestic Revenue Mobilization: An Independent Evaluation*, World Bank, 2023.

Frontier Analysis of World Bank Group Approaches to Private Capital Mobilization. In: *World Bank Group Approaches to Mobilize Private Capital for Development: An Independent Evaluation*, World Bank, 2020.

Fostering Regional Integration: Global Comparison and Frontier Analysis of Untapped Potential. In: *Two to Tango: An Evaluation of World Bank Group Support to Fostering Regional Integration*, World Bank, 2019.

Status of Global, Regional and Subregional Integration Efforts. In: *Thematic Evaluation Study on ADB's Efforts on Regional Cooperation and Integration*, Asian Development Bank, 2015.

REFEREE FOR ACADEMIC JOURNALS

Applied Economics, Applied Economics Letters, Economics Bulletin, Economic Modelling (2x), Expert Systems (3x), Journal of Economic Integration, North Korean Review, World Bank Economic Review (3x)

REFEREE FOR THIRD-PARTY FUNDING

Fritz Thyssen Foundation

TEACHING

University of Göttingen (Germany): *Lecturer*

Microeconomics II (Bachelor), Summer 2023

Poverty and Inequality (Master), Winter 2021/22, 2022/23, 2023/24

Introduction to Global Health (Bachelor), Summer 2022, 2023

Stellenbosch University (South Africa): *Visiting Lecturer*

Nonparametric Methods for Efficiency Analysis (PhD Mini Course), Fall 2023

University of Clermont Auvergne (France): *Visiting Lecturer*

Long Run Development (Master), Spring 2023, 2024

Poverty and Inequality (Master), Spring 2024

University College Dublin (Ireland) and **Beijing-Dublin International College** (China): *Lecturer*

Advanced Macroeconomics (Bachelor), Spring 2019, 2021

Advanced Microeconomics (Bachelor), Spring 2021

Development Economics (Bachelor), Fall 2018, 2019

European Economy (Bachelor), Spring 2019, 2020, 2021

Financial Economics: Derivatives and Risk Management (Bachelor), Spring 2019, 2020, 2021

Pyongyang University of Science and Technology (DPR Korea): *Visiting Lecturer*

Advanced Econometrics (Master), Spring 2018

Econometrics (Bachelor), Spring 2017, 2018

Goethe University Frankfurt (Germany): *Teaching Assistant*

Development Economics III (Master), Summer 2015, 2017, 2018

Evaluation of Development Policy: Methods and Applications (Master seminar), Winter 2014/15, 2017/18

Microeconomics II (Bachelor), Summer 2016

TU Dortmund University (Germany): *Teaching Assistant*

Higher Mathematics I (Bachelor), Winter 2009/10

Mathematics pre-semester course (Bachelor), Winter 2008/09

(CO-)SUPERVISED BACHELOR AND MASTER THESES

University of Göttingen: 5 Bachelor, 5 Master

University College Dublin: 4 Master

Goethe University Frankfurt: 6 Bachelor, 3 Master

CONFERENCE AND SEMINAR PRESENTATIONS

2024: University of Clermont Auvergne, CERDI Seminar

University of Göttingen, Centre for Modern Indian Studies BBL

2023: Stellenbosch University, Economics BBL

University of Göttingen, Homecoming of the Göttingen School of Development Economics

UNU-WIDER Development Conference, Oslo

ERMAS Annual Scientific Conference, Bucharest

2022: IDOS/IfW International Research Conference on Africa's Regional and Global Integration, Bonn

Heidelberg University, Global Health Economics Seminar (online)

Asian Meeting of the Econometric Society in East and South-East Asia, Tokyo (online)

ERMAS Annual Scientific Conference, Cluj-Napoca

National University of Singapore, Conference on Mechanism and Institution Design (online)

- Asian Meeting of the Econometric Society in China, Shenzhen (online)
 Munich Summer Institute, organized by LMU Munich, TU Munich, and ETH Zurich
 ZEW Public Finance Conference, Mannheim
- 2021: University College Dublin (online)
 Beijing University of Technology, 1st BJUT-UCD Research Symposium (online)
 World Bank, Independent Evaluation Group (online)
- 2020: United Nations ESCAP, Trade, Investment and Innovation Division, Bangkok
 Asian Institute of Technology, Bangkok
- 2019: Peking University, National School of Development CCER Summer Institute
 Center for Evaluation and Development, Mannheim
 Pyongyang University of Science and Technology, 10th Anniversary Research Symposium
- 2018: Goethe University Frankfurt, Development Economics BBL Seminar
 University College Dublin, Job Talk
- 2017: Heidelberg University, 3rd FHM Workshop in Development Economics
 Pyongyang University of Science and Technology, Interdisciplinary Research Seminar Series
 African Center for Economic Transformation, Accra
- 2015: Goethe University Frankfurt, Development Economics BBL Seminar
 Asian Development Bank, ERCD Seminar Series, Manila

RESEARCH GRANTS AND THIRD-PARTY FUNDING

- Research grant, “Adoption of Early Sown Wheat and Zero Tillage Technologies: Evidence from a Randomized Field Experiment in Northwest India”, Principal Investigator (with Sebastian Vollmer), ICAS:MP Module TM6 and German Federal Ministry of Education and Research (BMBF), 2023-2024
- Funding for field data collection, “Adoption of Early Sown Wheat Varieties in Punjab and Haryana: Farmer Survey”, Principal Investigator (with Sebastian Vollmer), German Agency for International Cooperation (GIZ), 2022

OTHER GRANTS AND SCHOLARSHIPS

- Erasmus Mundus SmartLink Scholarship, European Commission, 2018
 ‘Forschungstopf’ Travel Grant, Goethe University Frankfurt, 2018
 Carlo Schmid Fellowship, German National Academic Foundation and DAAD, 2016-2017
 Deutschland Scholarship, German Federal Ministry of Education and Research, 2014-2015
 PhD Stipend, Graduate School of Economics, Finance, and Management, Frankfurt, 2013-2014
 Deutschland Scholarship, German Federal Ministry of Education and Research, 2012-2013
 Erasmus Scholarship, European Commission, 2012
 PROMOS travel grant, DAAD, 2010

LANGUAGES

German (native), English (fluent), Spanish (advanced), Romanian (intermediate)

PERSONAL INFORMATION

Date of Birth: September 6, 1988
 Nationality: German
 Civil Status: Married, three children