Phone Number (m) +491726144633 Email Address cproth890gmail.com

Web site https://sites.google.com/site/chrisrotheconomics

Employment and Affiliations

| 2021 - | Professor of Economics and Management (W2), University of Cologne. |
|--------|---|
| 2021 - | Мемвеr, ECONtribute Cluster of Excellence: Markets & Public Policy. |
| 2021 - | Member, Center for Social and Economic Behavior (C-SEB). |
| 2021 - | Senior Research Fellow, Max Planck Institute for Collective Goods. |
| 2019 - | Research Affiliate, Insitute on Behavior and Inequality (briq), Bonn. |
| 2019 - | Affiliate Member, CESifo Research Network, Munich. |
| 2019 - | Research Affiliate, Centre for Economic Policy Research (CEPR). |
| 2020 - | Deputy Theme leader, CAGE Warwick. |
| 2018 - | Research Associate, CAGE Warwick. |
| | |

Past Employment

| 2019 - 2021 | Assistant Professor, Department of Economics, University of Warwick. |
|-------------|---|
| 2018 - 2019 | POSTDOCTORAL FELLOW, Institute on Behavior and Inequality (briq), Bonn. |

Education

| 2014 - 2018 | DPHIL. (PHD) IN ECONOMICS (EDGEWORTH PRIZE), University of Oxford. |
|-------------|--|
| 2012 - 2014 | MPHIL. IN ECONOMICS (WITH DISTINCTION), University of Oxford. |
| 2010 - 2013 | BSc. Psychology (A - excellent), University of Hagen, Germany. |
| 2009 - 2012 | BSc. Economics (First Class Honours), University of Warwick. |

Publications and Accepted Papers in Economics

"Subjective Models of the Macroeconomy: Evidence From Experts and Representative Samples" (with Peter Andre, Carlo Pizzinelli and Johannes Wohlfart). **Review of Economic Studies**. *forthcoming*.

"Opinions as Facts" (with Leonardo Bursztyn, Aakaash Rao and David Yanagizawa-Drott). **Review of Economic Studies**. *forthcoming*.

"Designing Information Provision Experiments". (with Ingar Haaland and Johannes Wohlfart). **Journal of Economic Literature**. *forthcoming*.

"Interregional Contact and the Formation of a Shared Identity" (with Manuel Bagues). **American Economic Journal: Economic Policy**. *forthcoming*.

"Scapegoating During Crises" (with Leonardo Bursztyn, Georgy Egorov, Ingar Haaland, and Aakaash Rao). **AEA, Papers & Proceedings**, 2022, Vol. 112, pp. 151-55

"Beliefs about Racial Discrimination and Suppot for Pro-black Policies" (with Ingar Haaland). **Review of Economics and Statistics**. *forthcoming*.

"Risk Exposure and Acquisition of Macroeconomic Information". (with Sonja Settele and Johannes Wohlfart). **American Economic Review: Insights**. 2022, 4(1): 34–53.

"Do People Demand Fact-Checked News? Evidence From a Sample of U.S. Democrats" (with Felix Chopra and Ingar Haaland). **Journal of Public Economics**. 2022, Vol. 205, 104549.

2

"Beliefs about Public Debt and the Demand for Government Spending and Taxation". (with Sonja Settele and Johannes Wohlfart). **Journal of Econometrics**. 2022. Vol. 231(1), pp. 165-187.

"Coronavirus Perceptions and Economic Anxiety" (with Thiemo Fetzer, Lukas Hensel and Johannes Hermle). **Review of Economics and Statistics**. 2021, 103 (5): 968–978.

"How Do Expectations About the Macroeconomy Affect Personal Expectations and Behavior?" (with Johannes Wohlfart). **Review of Economics and Statistics**. 2020, 102(4), pp. 731–748.

"Labor Market Concerns and Support for Immigration" (with Ingar Haaland). **Journal of Public Economics**. 2020, Vol. 191, 104256.

"Income Shocks and Suicides: Causal Evidence From Indonesia". (with Cornelius Christian and Lukas Hensel). **Review of Economics and Statistics**. 2019, 101(5), pp. 905-920.

"Experienced Inequality and Preferences for Redistribution" (with Johannes Wohlfart). **Journal of Public Economics**. 2018, Vol. 167, pp. 251-262.

"Measuring and Bounding Experimenter Demand". (with Jonathan de Quidt and Johannes Haushofer). **American Economic Review**. 2018, Vol. 108 (11), pp. 3266-3302.

Working Papers

"Justifying Dissent" (with Leonardo Bursztyn, Georgy Egorov, Ingar Haaland, and Aakaash Rao). Revised and Resubmitted, Quarterly Journal of Economics

"Worker Beliefs about Outside Options" (with Simon Jäger, Nina Rousille, and Benjamin Schoefer). **Revise and Resubmit, Quarterly Journal of Economics**

"Information Frictions among Firms and Households". (with Sebastian Link, Andreas Peichl and Johannes Wohlfart). Revised and Resubmitted, Journal of Monetary Economics.

"Voice and Political Engagement: Evidence From a Natural Field Experiment" (with Anselm Hager, Lukas Hensel, and Andreas Stegmann). Revised and Resubmitted, Review of Economics and Statistics.

"Uncertainty and Information Acquisition: Evidence From Firms and Consumers" (with Heiner Mikosch, and Samad Sarferaz and Johannes Wohlfart). Revised and Resubmitted, American Economic Journal: Macroeconomics.

"Political Activists as Free-Riders: Evidence From a Natural Field Experiment" (with Anselm Hager, Lukas Hensel, and Johannes Hermle). **Conditionally accepted, Economic Journal**.

"Stories, Statistics and Memory" (with Thomas Graeber and Florian Zimmermann).

"Home Price Expectations and Spending: Evidence From a Field Experiment" (with Felix Chopra and Johannes Wohlfart).

"Narratives about the Macroeconomy" (with Peter Andre, Ingar Haaland and Johannes Wohlfart).

"The Null Result Penalty" (with Felix Chopra, Ingar Haaland and Andreas Stegmann).

"The Demand for News: Accuracy Concerns versus Belief Confirmation Motives" (with Felix Chopra, and Ingar Haaland).

"The Effects of Monetary Policy: Theory with Measured Expectations" (with Mirko Wiederholt, and Johannes Wohlfart).

"Recent Advances in Studies of News Consumption". (with Francesco Capozza, Ingar Haaland and Johannes Wohlfart).

Main Publications and Working Papers in Political Science and Sociology

"Group Size and Protest Mobilization across Movements and Countermovements" (with Anselm Hager, Lukas Hensel, and Johannes Hermle). American Political Science Review, Volume 116, Issue 3, August 2022, pp. 1051 - 1066.

"Does Party Competition Affect Political Engagement?" (with Anselm Hager, Lukas Hensel, and Johannes Hermle). **The Journal of Politics**. 2021, 83(4), 1681-1694.

"Does Information Change Attitudes Towards Immigrants?". (with Alexis Grigorieff and Diego Ubfal). **Demography**. 2020, 57(3), 1117-1143.

"Global Behaviors, Perceptions, and the Emergence of Social Norms at the Onset of the COVID-19 Pandemic (joint with Lukas Hensel, Thiemo Fetzer, Marc Witte, Jon Jachimowicz, Johannes Haushofer, Andriy Ivchenko, Stefano Caria, Elena Reutskaja, Stefano Fiorin, Margarita Gomez, Gordon Kraft-Todd, Friedrich Goetz, Erez Yoeli). **Journal of Economic Behavior and Organization**. 2022, 193, 473 - 496.

Refereeing

Economics Journals: American Economic Review, Quarterly Journal of Economics, Review of Economic Studies, Journal of Political Economy, Econometrica, American Economic Review: Insights, Journal of the European Economic Association, American Economic Journal: Applied, American Economic Journal: Macro, Review of Economics and Statistics, American Economic Journal: Economic Policy, Economic Journal, Journal of Monetary Economics, Journal of Development Economics, Journal of Public Economics, Journal of Health Economics, Management Science, Journal of Econometrics, Experimental Economics, Journal of Economic Behavior and Organization, Journal of the Economic Science Association, Economic Development and Cultural Change, European Economic Review, Journal of Applied Econometrics, Labour Economics, Economic Policy, Journal of Housing Economics, Oxford Bulletin of Economics and Statistics, Review of Economics of the Household, Scandinavian Journal of Economics.

General Interest Journals: Nature, Nature Human Behavior, Proceedings of the National Academy of Sciences.

Finance Journals: Journal of Finance, Review of Financial Studies.

Political Science Journals: Journal of Politics, Political Behavior.

Sociology Journal: American Sociological Review.

Conferences: CSAE conference, ECBE conference, Econometric Society World Congress, Society for Financial Studies, Warwick PhD conference.

Grants: German Research Foundation (DFG), National Science Foundation (NSF), Keynes Fund Cambridge.

Selected Press Coverage

The New York Times, The Washington Post, Time Magazine, The Los Angeles Times, NPR, The Boston Globe, The Hill, Vox, Bloomberg, Frankfurter Allgemeine Sonntagszeitung, Spiegel Online, Corriere Dell'Alto Adige, Corriere Del Trentino, La Tribune, Le Monde, Les Affaires, The Independent.

Honors, Awards and Service

Volkes).

| 2021 - 2022 | Panel member, Economic Policy. |
|-------------|---|
| 2021 | Excellence in Reviewing Award, American Economic Journal: Economic Policy. |
| 2021 | Excellence in Reviewing Award, American Economic Journal: Applied. |
| 2020 | Acknowledgment of referees, Quarterly Journal of Economics. |
| 2019 | CESifo Distinguished Affiliate Award in 'Employment and Social Protection'. |
| 2018 | Edgeworth Prize for outstanding doctoral thesis, University of Oxford. |
| 2018 | Excellence in Refereeing Award, American Economic Review. |
| 2018 | Reinhard Selten Award, German Economic Association. |
| 2018 | European Economic Association European Meeting, Young Economist Award. |
| 2017 | BRIQ SUMMER SCHOOL IN BEHAVIORAL ECONOMICS, Bonn. |
| 2016 | Russel Sage Summer Institute in Behavioral Economics, New Hampshire. |
| 2016 | Spring School in Behavioral Economics, San Diego. |
| 2016 | Royal Economic Society Junior Fellowship. |
| 2015 | Marie Curie Fellowship, Bocconi University. |
| 2014 | Departmental Doctoral Scholarship, University of Oxford. |
| 2013 | The German Academic Exchange Service: Scholarship for Studies Abroad. |
| 2012 | Departmental Examiner's Prize for the Best Thesis, University of Warwick. |
| 2010-2014 | The German National Merit Foundation Scholarship (Studienstiftung des deutschen |
| | |

| Grants | |
|--------|--|
| 2022 | ECONTribute, various grants. |
| 2021 | ECONTribute, various grants. |
| 2020 | BFI Grant, University of Chicago (with Leonardo Bursztyn (PI), Aakaash Rao, and David |
| | Yanazigawa-Drott): \$22,500. |
| 2020 | SOEP Innovation Sample: Beliefs about Outside Options Follow-up (with Simon Jäger and |
| | Benjamin Schoefer). |
| 2020 | BA/Leverhulme Small Research Grants (with Ingar Haaland); \$12,000. |
| 2020 | Institute for New Economic Thinking (INET) (with Thiemo Fetzer, Lukas Hensel, and Jo- |
| | hannes Hermle); \$20,000. |
| 2019 | CAGE Warwick small grant; \$12,000. |
| 2019 | Pearson Research and Innovation Grant, University of Chicago (with Leonardo Bursztyn (PI), |
| | Ingar Haaland, and Aakaash Rao): \$18,250. |
| 2019 | Social Sciences Research Center Faculty Seed Grant, University of Chicago (with Leonardo |
| | Bursztyn (PI), Ingar Haaland, and Aakaash Rao): \$28,000. |
| 2019 | J-PAL, Governance Initiative (with Leonardo Bursztyn, Ingar Haaland, Martin Kanz, Aakash |
| | Rao and Anisha Sharma): \$75,000. |
| 2019 | EPRN Network, Copenhagen (with Jeppe Druedahl and Johannes Wohlfart): \$53,000. |
| 2019 | SOEP Innovation Sample: Beliefs about Outside Options (with Simon Jäger and Benjamin |
| | Schoefer). |
| 2019 | Fritz-Thyssen Foundation, The Consumption Response to Income Expectations: Evidence |
| | From Field Experiments (with Johannes Wohlfart): \$175,000. |
| 2019 | Russel Sage Foundation Small Grant in Behavioral Economics: Media Bias and the Demand |
| | for News (with Ingar Haaland): \$7,500. |
| 2017 | Russel Sage Foundation Small Grant in Behavioral Economics: Beliefs about Racial Discrimi- |
| | nation (with Ingar Haaland): \$7,500. |
| 2017 | Time sharing experiments for the social sciences (TESS; funded by the National Science Foun- |
| | dation): Beliefs about Racial Discrimination (with Ingar Haaland). |
| 2016 | Time sharing experiments for the social sciences (TESS; funded by the National Science Foun- |
| | dation): Economis Status and Social Preferences (with Alexis Grigorieff). |

Presentations in seminars and conferences

2016

2023 (scheduled): Hebrew University, Jerusalem; Stockholm School of Economics; Stockholm University; Bocconi University Development, Labor and Political Economy seminar; IFS-STICERD Public Economics seminar, London; Sciences Po; INSEAD; University of Hohenheim.

grants? (with Alexis Grigorieff and Diego Ubfal (PI)).

BOCCONI YOUNG RESEARCHER GRANT: Does Information Change Attitudes Towards Immi-

2022 (including scheduled): American Economic Association Annual Meetings; Bank of Canada; Ifo Conference on Macroeconomics and Survey Data; Schumpeter Seminar, Berlin; 3rd Monash-Warwick-Zurich Text-as-Data Workshop; University of California Berkeley, Macro Seminar; Bank of England; University of Glasgow; University of Bonn, Macro; Universitat Pompeu Fabra, Barcelona, Political Economy Seminar; IIES Stockholm; University of Mannheim Applied Seminar; Ringvorlesung, University of Mannheim; briq workshop on beliefs, Bonn; CEMFI, Madrid; BI Norwegian Business School, Oslo; Berlin Behavioral Economics Seminar; Belief-Based Utility Workshop, Amsterdam; Workshop on Online Social Influence, Dublin (Keynote); Early Career Behavioral Economics Conference, Bonn; INSEAD, Paris; CERGE-EI, Prague; CESifo Behavioral Economics Conference, Munich; Spring School in Behavioral Economics, NHH & UCSD, San Diego; BDM Seminar, UCLA Anderson; Joint Seminar of Harvard Economics & HBS NOM; University of British Columbia, Development and Political Economic Seminar; University of Zurich, Applied Seminar; Bocconi University, Macro Seminar; European Central

6

Bank.

2021: ifo Macro and Survey data; Policing and Crime Seminar at the CEP/LSE; Social, Behavioral and Experimental Economics, University of Michigan; 73rd Economic Policy Panel Meeting (Discussant); Norms and Behavior Change Seminar, UPenn; University of Vienna; Early Career Behavioral Economics Conference Conference; Experimental Methods Lecture, University of Oxford; Center for Social and Economic Behavior, Cologne (keynote); Annual Conference of the European Society for Population Economics (ESPE); University of Copenhagen; University of Bergen; Monash University; Workshop on Heterogeneity in Macroexpectations, Nuremberg; Workshop on Household Finance, Bonn; University of Cologne, Ringvorlesung; 74th Economic Policy Panel Meeting (Discussant); CESifo Behavioral Economics Conference, Munich; Max Planck Institute for Research on Collective Goods, Bonn; Venice; Berkeley-Chicago Booth Behavioral Economics Seminar; University of Bristol; Toulouse School of Economics, Macro; University of Bonn, Applied Micro.

2020: University of Jena; Paris School of Economics (PSE); International Monetary Fund; EEA Rotterdam (invited session on Fairness and Redistribution); EEA Rotterdam panel on "how to survive the job market"; Japan Empirical Economics Seminar; ZEW Mannheim; University of Cologne; IEB Barcelona; Bocconi (Finance); Cornell, Behavioral Economics Seminar. 2019: AEA session on Household Finance, Atlanta (discussant); AEA session on Inflation Expectations and Economic Decisions, Atlanta (discussant); ESRI Dublin; UC Dublin; CESifo Munich; Workshop on Beliefs about Society and Politics, Munich; Cesifo Conference on Employment and Social Protection, Munich; briq Workshop on Beliefs, Bonn; University of Heidelberg; Rotterdam, Micro seminar; Royal Dutch Economic Association KVS, Leiden (keynote); Workshop on Expectations and Decisions in Berlin; Society for economic measurement conference, Frankfurt; EEA Manchester (invited session); University of Warwick, Leverhume Bridges Programme; NBER Behavioral Finance Fall Meeting, Cambridge, MA (discussant); New Approaches to Modelling Expectations in Economics Conference, Bank of England; Workshop on International Financial Markets, Heidelberg (discussant).

2018: Berlin ESMT; Nottingham; Essex; New York Fed; LMU Munich; Workshop on Uncertainty, Expectation Formation and Aggregate Implications, Kiel; ECBE Conference, Bergen; Cesifo workshop on Subjective Expectations and Probabilities in Economics, Munich; "Demand for Democracy" conference, Munich; European Meeting of the Econometric Society, Cologne; CRC Workshop on "Unobservables", Bonn; European Midwest Micro/Macro Conference, Bonn; University of Innsbruck; University of Zurich; University of Tilburg.

2017: Institute on Behavior and Inequality retreat, Bonn; University of Oxford, Firm and Development Research Group; Berlin, Behavioral Colloquium; Belief-based Utility conference, CMU Pittsburgh (invited participant); ECBE Conference, Pittsburgh (discussant); NBER Summer Institute in Political Economy, Cambridge; Stanford SITE summer workshop in Experimental Economics; The Choice Lab, Bergen; University of Warwick.

2016: University of Oxford (Firm and Development Research Group); Choice Lab PhD workshop Bergen, Norwegian School of Economics (NHH); ESA Annual European Meeting, Bergen; University of Bonn Applied Coffee; IIES Stockholm Applied Micro Brown Bag; University of Oxford, CSAE workshop; University of Frankfurt, Applied Micro Brown Bag.

2015: University of Oxford, CSAE workshop; University College London PhD workshop; PACDEV, UC San Diego; CSAE Annual Conference, Oxford; Royal Economic Society Conference, Manchester; Centre for Experimental and Social Sciences, Nuffield college Oxford; University of Kiel; University of Oxford, Firm and Development Research Group; Barcelona GSE Summer Forum, Economics of Socialization; BPL Meeting, Busara Center for Behavioral Economics, Nairobi; OXDEV workshop, University of Oxford; CEPR annual symposium and PODER conference, Barcelona; Bocconi University (Brown Bag); University of Oxford, Firm and Development Research Group.

2014: The National Team for the Acceleration of Poverty Reduction (Jakarta); INET PhD workshop, Kuala Lumpur; University of Warwick; The NEUDC conference, Boston University; University of Oxford.

Teaching

| 2022 | Warwick-CAGE Summer School in Political Economy |
|------|--|
| 2022 | Society for Experimental Finance Summer School, Bonn |
| 2022 | MSc. Experimental Methods, University of Cologne. |

PhD Course on Subjective beliefs about the macroeconomy and household finance, CEBI,

University of Copenhagen.

MSc. Experimental Economics, University of Warwick.

2020 MRes. Topics in Empirical Political Economy, University of Warwick.

2020 MSc. Experimental Economics, University of Warwick.

2017 - 2018 Tutorials for the MSc. in Economics for Development Course on Quantitative Methods: Uni-

versity of Oxford.

2017 Undergraduate Tutorials in Quantitative Economics: Worcester College, University of Oxford.
2014 - 2015 Tutorials for the MSc. in Economics for Development Course on Quantitative Methods: Uni-

versity of Oxford.

Conference and workshop organisation

2021 Workshop on Subjective Beliefs in Macroeconomics and Household Finance, CEBI and Uni-

versity of Copenhagen (with Johannes Wohlfart).

2017 Royal Economic Society Junior Symposium, Bristol.

Publications in German

"Makroökonomische Erwartungen und ihre Rolle in wirtschaftlichen Entscheidungen von Haushalten" (with Johannes Wohlfart). 2019. **Perspektiven der Wirtschaftspolitik**. 2019. Vol. 20(2).pp 159-166.

Visits

August 2020 Center for Macroeconomics and Survey data, ifo, Munich. Host: Andreas Peichl.

July 2020 Alfred Weber Institute, Heidelberg. Host: Dietmar Fehr.

December 2019 Institute on Behavior and Inequality (briq), Bonn. Host: Armin Falk.

March 2019 CESifo Education Economics Group, Munich. Hosts: Ludger Woessmann and

Philipp Lergetporer.

Sep 2016 - Mar 2017 Insitute on Behavior and Inequality (briq), Bonn; Host: Armin Falk.

March 2016 Princeton; Host: Johannes Haushofer.

Oct 2015 - June 2016 Bocconi; Hosts: Diego Ubfal and Eliana La Ferrara.

June to Sept 2015 Busara Centre for Behavioral Economics, Nairobi. Host: Johannes Haushofer.

August to Sept 2014 TNP2K, Jakarta. Host: Sudarno Sumarto.

Supervision

PhD Students

Current:

Valentin Stockerl (Bundesbank), 2022-

Fabian Roeben (University of Cologne), 2021-

Former:

Karmini Sharma (University of Warwick), 2019-2022. First Placement: Stanford (Postdoc), Imperial College (AP)

Sarthak Joshi (University of Warwick), 2020-2021.

Research Assistants

Current:

Pietro Ducco (University of Bonn)

Paul Grass (University of Bonn)

Frida Küper (University of Cologne)

Maximilian Fell (University of Cologne)

Mehmet Emir Kavukcu (University of Bonn)

Malin Siemers (University of Bonn)

Apoorv Kanoongo (University of Cologne/University of Tilburg)

Former:

Sophia Hornberger (University of Cologne)

Melisa Kurtis (University of Cologne)

Hrishikesh Iyengar (London School of Economics)

Timo Haller (University of Bonn)

Jasurbek Berdikobilov (University of Bonn)

Florian Schoner (University of Bonn)

Jan Knuf (University of Bonn)

Anna Lane (University of Bonn)

David Zeimentz (University of Bonn)

Departmental service

Member of Ethics Committee, University of Cologne, 2022-.

Admissions MRes and PhD level positions, University of Cologne, 2021, 2022

Co-organizer (with Erik Hornung), ECONtribute seminar, University of Cologne, 2021-.

Organizer, CAGE Work in Progress seminar, University of Warwick, 2019-2021.

Co-organizer (with Robert Akerlof and Sharun Mukand), Reading Group on "Beliefs, Identity and Social Interactions", University of Warwick, 2020.

Last updated: November 2022