

Fabiola Schwarz

PHD STUDENT · GLOBAL SECURITY & TECHNOLOGY

School of Social Sciences and Technology, Technical University of Munich (TUM)

✉ fabiola.schwarz@tum.de | 🏠 Richard-Wagner-Str. 1, 80333 Munich

Education

Technical University of Munich

PHD STUDENT AT THE PROFESSORSHIP FOR GLOBAL SECURITY & TECHNOLOGY

- Thesis working title: On the Causes and Effects of Digital Authoritarianism
- Supervisor: Prof. Dr. Katrin Paula
- Methodological focus: Quantitative, Computational, and Mixed Methods

Munich, Germany

Mar 2023 - present

Technical University of Munich

MSc POLITICS & TECHNOLOGY

- Thesis title: Utilizing Machine Learning to Predict and Explore Factors of Digital Repression.
- Supervisor: Prof. Dr. Katrin Paula

Munich, Germany

Oct 2020 - Oct 2022

Technical University of Applied Sciences Regensburg

BA INTERNATIONAL RELATIONS AND MANAGEMENT

- Thesis: On the Necessity of Evaluating Germany's Critical Infrastructure Protection Policy as Regulated by the IT Security Act.
- Supervisor: Prof. Dr. Markus Bresinsky

Regensburg, Germany

Oct 2015 - Jan 2020

Saint Petersburg State University (SPbU)

EXCHANGE SEMESTER, FACULTY OF INTERNATIONAL RELATIONS

Saint Petersburg, Russia

Jan 2017 - Jul 2017

Professional Experience

Since Nov 2022

Research and Teaching Associate, Professorship for Global Security & Technology, Hochschule für Politik at the Technical University of Munich, Germany

Feb 2022 - Nov 2022

Student Research Assistant, Professorship for Global Security & Technology, Hochschule für Politik at the Technical University of Munich, Germany

Jun 2021 - Mar 2022

Student Research Assistant, International Cybersecurity project, Institute for Peace Research and Security Policy Hamburg, Germany

Jan 2022 - Apr 2022

Research and Content Intern, Ethical Digital Transformation Program, Data-Pop Alliance, Remote

Nov 2019 - Aug 2020

Student Research Assistant, NATO Civil-Military Cooperation Centre of Excellence, The Netherlands

Nov 2018 - Sep 2019

Working Student in Cyber Security Consulting, Cyber Security Consulting, KPMG Cologne, Germany

Jan 2018 - Mar 2018

Intern for Conflict Prevention and Resolution, ProDiálogo, Lima, Peru

Aug 2017 - Nov 2017

Intern for a Latin American socio-political journal, Nueva Sociedad, Buenos Aires, Argentina

Publications

PUBLISHED

Schwarz, F., Silomon, J., Hansel, M. 2022, May 06. Empowering Security Researchers Will improve Global Cybersecurity. Blogpost on Just Security. <https://www.justsecurity.org/81293/>

Schwarz, F. 2022, March 22. The High Cost of Internet Shutdowns. Blogpost on Data-Pop Alliance. <https://datapopalliance.org/the-high-costs-of-internet-shutdowns/>

Silomon, J., Hansel, M., **Schwarz, F.** 2022. Bug Bounties: Between New Regulations and Geopolitical Dynamics. Proceedings of the 17th International Conference on Cyber Warfare and Security, 298–305.

UNDER REVIEW

Schwarz, F. What Drives State-led Internet Shutdowns? Predicting Their Onset and Explaining Enablers. *Submitted to the Journal of Peace Research on 03 June 2024*

WORK IN PROGRESS

Schwarz, F., Paula, K. Pulling the Rug Out from Under the Feet? Internet Shutdowns and the Spread of Protest.

Schwarz, F., Schumann, M. Between Net Neutrality and Networked Control – How US and Chinese Investments Shape Digital Authoritarianism Abroad.

Awards and Fellowships

- 2024-2025 **European Cybersecurity Fellow**, European Cyber Conflict Research Initiative (ECCRI)
- 2023 **Aquila Ascendens**, Young Scientist Award in Security Studies, DialogForum Sicherheitspolitik
- 2021 - 2022 **Think Digital Fellowship**, Internet Business Cluster (IBC) Munich e.V.
- 2016 - 2022 **Study Scholarship**, Stiftung der Deutschen Wirtschaft (sdw)

Presentations & Outreach

CONFERENCES

- Oct 2023 **Crisis Early Warning Symposium 2023**, University of the German Armed Forces Munich, Germany
- Sep 2023 **Science Peace Security 2023**, University of Darmstadt, Germany
- Sep 2023 **7th Workshop on Conflict Dynamics**, University of York, United Kingdom
- May 2023 **7th European Multidisciplinary Conference on Global Internet Governance Actors, Regulations, Transactions and Strategies**, Padova, Italy
- Oct 2021 **1st Annual Cybersecurity Law and Policy Scholars Conference**, Minneapolis, MN, University of Minnesota Law School & online

INVITED TALKS & PUBLIC OUTREACH

- Oct 2024 **PRIF Annual Conference 2024**, (*declined*), Peace Research Institute Frankfurt (PRIF), Germany
- Dec 2023 **Cybersecurity & Technology for Democracy, Moderation of Fireside Chat with Tim Maurer**, TUM Think Tank, Technical University of Munich, Germany

Teaching Experience

- Winter 2023-24 **Introduction to Research Design in the Social Sciences**, Seminar, MSc Politics & Technology, TUM
- Winter 2023-24 **Introduction to Empirical Methods for the Social Sciences**, Exercise, BSc Political Science, TUM
- Summer 2023 **Cybersecurity in Social Science Research**, Seminar, MSc Politics & Technology, TUM
- Summer 2023 & Winter 2022-23 **International Cybersecurity**, Seminar, MSc Politics & Technology, TUM

Extracurricular Activities

- Since 2022 **German Live Saving Society (DLRG e.V.)**, Active lifeguard, DLRG München-Mitte e.V., Munich, Germany
- 2011 - 2022 **German Live Saving Society (DLRG e.V.)**, Active lifeguard, DLRG Westhausen e.V., Westhausen, Germany
- 2020-2022 **Ecoselva e.V. & Weltwärts**, Mentoring for weltwärts South-North volunteers, Munich, Germany
- 2018 - 2019 **CampusAsyl e.V.**, Choir Member and co-organizer of the Integrative Urban Gardening Project, Regensburg, Germany
- 2013 - 2015 **Econtinuidad Perú**, Two-year voluntary service building and teaching in school gardens and kitchens, Lima & Andean region, Peru

References

Prof. Dr. Katrin Paula

First PhD Supervisor

PROFESSORSHIP FOR GLOBAL SECURITY AND TECHNOLOGY, TECHNICAL UNIVERSITY OF MUNICH

katrin.paula@hfp.tum.de

Prof. Dr. Yannis Theocharis

Colloquium Chair

CHAIR OF DIGITAL GOVERNANCE, TECHNICAL UNIVERSITY OF MUNICH

yannis.theocharis@tum.de

Dr. Jantje Silomon

PhD Mentor

INTERNATIONAL CYBERSECURITY PROJECT, IFSH HAMBURG

silomon@ifsh.de