

KONRAD KOLLNIG

ACADEMIC CAREER AND EDUCATION

Maastricht University	2023–
<i>Assistant Professor; Law & Tech Lab, Faculty of Law</i>	
University of Oxford	2019–2023
<i>PhD in Computer Science and Law (DeepMind scholar; Council of Europe award)</i>	
University of Oxford	2018–2019
<i>BSc in Computer Science (with distinction)</i>	
RWTH Aachen	2014–2017
<i>BSc in Computer Science and Mathematics (with distinction, top of class of ~700 students)</i>	

RESEARCH FUNDING

Own funding (**total €1.8m**):

- €4,695,786 (own share: **€305,286**) – Co-PI: EU Horizon Marie Curie Doctoral Network (“REGULAIRE: Regulatory Learning for the Governance of Transformative Technologies”)
- €1,198,894 (own share **€335,902**) – Co-PI: SNSF International Co-Investigator Scheme (“CoCoDa: Measure and Mitigate Concentration of Control and Data”) (2025)
Project site: <https://snsf-cocoda.github.io>
- **€170,470** – PI: Netherlands Starter Grant (2025)
- **€800,503** – PI: AiNed Fellowship (“RegTech4AI: Pioneering Regulatory Technologies for AI and Making AI Regulation Work in Practice”) (2024)
Project site: <https://regtech4ai.com>
- **£10,000** – UKRI Open Access Book Funding (2024)
- **£87,500** – DeepMind-Oxford PhD Scholarship (2019)

Funding as co-applicant:

- **€85,721** – Co-Applicant under PI Prof Simon Mayer: Palatin Foundation – Children and social media (“Flag&Safe – Deine digitale Schutzstelle”) (2025)
- **€799,359** – Co-Applicant under PI Prof Gijs van Dijck: NWO SSH Grant (“Am AI right?”) (2024)

AWARDS

- 2024: Winner of the Council of Europe’s Rodotà Award for the best PhD thesis in data protection in 2024, the highest award for this kind of work
- 2023: Best Paper Award at the ConPro conference for empirical work on Chinese data protection law, later published in *Computer Law & Security Review*
- 2023: Winner of the Bug Bounty Award, Antigranular Competition 2023

- 2022: Winner of the United Nation’s Privacy Hackathon 2022 (ahead of 196 teams)
- 2022: Winner of the Student Paper Award, Privacy Papers for Policymakers 2022, Future for Privacy Forum (awarded annually to one paper worldwide)
- 2019–2023: DeepMind–Oxford PhD Scholarship (£87,500)
- 2019: Merton College Award for Distinction in MSc
- 2018: Awarded Student Speaker of the German Mathematical Society (book prize)
- 2017: Schöneborn Award: best overall grades in cohort of ~700 BSc students at RWTH Aachen University
- 2015–2018: Dean’s List of RWTH Aachen University (awarded four times)

PUBLICATIONS

As an interdisciplinary scholar, I both publish in well-regarded legal journals and highly selective computer science conferences and workshops.

Monographs (Peer-Reviewed)

- [1]: **K Kollnig** (2026). *The App Economy: Making Sense of Platform Power in the Age of AI*. Forthcoming in Bristol University Press.
(The book is motivated by my PhD research but is completely new material.)
- [2]: 🏆 **K Kollnig** (2023). *Regulatory Technologies for the Study of Data and Platform Power in the App Economy*. PhD thesis at the University of Oxford.
<https://kollnig.net/phd-thesis/> – Winner of the Council of Europe’s Rodotà Award for the best PhD thesis in data protection in 2024

Journal Publications (Peer-Reviewed)

- [3]: P Sîmpălean, A Tamò-Larrieux, **K Kollnig** (2026). From your Smart Watch to the Metaverse: Understanding the Scope of EU IoT Regulation in the Data Act. *Technology and Regulation* 2026, 38–56. <https://doi.org/10.71265/dtrh7j46>
- [4]: B Rijsbosch, G van Dijck, **K Kollnig** (2026). Missing the Mark: Adoption of Watermarking for Generative AI Systems in Practice and Implications Under the New EU AI Act. *Policy & Internet* 18(2), e70041. <https://doi.org/10.1002/poi3.70041>
- [5]: N Ebert, S Fischer-Hübner, S Human, A Kitkowska, **K Kollnig**, J Mitrović, et al. (2026). From procedures to peril: Towards risk transparency in information privacy for users. *Telecommunications Policy* 50(5).
- [6]: A Palmieri, **K Kollnig**, A Tamò-Larrieux (2026). Systemic risks of dominant online platforms: A scoping review. *Computer Law & Security Review* 60.
- [7]: S Zimmeck, HJ Pandit, FZ Borgesius, CT Santos, **K Kollnig**, R Berjon (2025). Can the GPC standard eliminate consent banners in the EU? *Computer Law & Security Review*.
- [8]: Halil, D., **Kollnig, K.**, Tamò-Larrieux, A. (2025). Regulating pressing systemic risks – but not too soon? Comparative Analysis of the Implementation of Data Access Requests to Platform Data under Article 40(4) of the EU Digital Services Act. *Internet Policy Review*.

- [9]: Y Chao, A Tamò-Larrieux, I Xu, **K Kollnig** (2025). Data Portability Strategies in the EU: Moving Beyond Individual Rights. *Computer Law & Security Review*.
- [10]: S Munir, **K Kollnig**, A Shuba, Z Shafiq (2024). Google's Chrome Antitrust Paradox. *Vanderbilt Journal of Entertainment & Technology Law*, Vol. 27
- [11]: Q Li, **K Kollnig** (2024). Data Scraping for the Training of Generative AI: Lessons from Chinese Case Law and Regulation. *Computer Law Review International* 25(2). <https://doi.org/10.9785/cr-2024-250201>
- [12]: **K Kollnig**, L Zhang, J Zhao, N Shadbolt (2024). Privacy in Chinese iOS Apps and Impact of the Personal Information Protection Law. *Computer Law & Security Review* 55 (November 2024). <https://doi.org/10.1016/j.clsr.2024.106041>
- [13]: L Zhang, **K Kollnig** (2024). Theory and practice: the protection of children's personal information in China, *International Data Privacy Law*, Volume 14, Issue 1, February 2024, Pages 37–52. <https://doi.org/10.1093/idpl/ipad017>
- [14]: M Duffourc, S Gerke, **K Kollnig** (2024). Privacy of Personal Data in the Generative AI Data Lifecycle. *New York University Journal of Intellectual Property & Entertainment Law* 13(2). <https://dx.doi.org/10.2139/ssrn.4899219>
- [15]: **K Kollnig**, N Shadbolt (2023). How Decisions by Apple and Google obstruct App Privacy, *Technology and Regulation*. <https://doi.org/10.26116/techreg.2023.002>
- [16]: **K Kollnig** (2023). Lessons from the GDPR: Five priorities for effective IT regulation. *Ad Legendum*, 2023 (2). <https://dx.doi.org/10.2139/ssrn.4372149>
- [17]: T Johnson*, **K Kollnig***, P Dewitte (2022). Responsible Collection and Sharing of Public Health Data: Ethical and Legal Aspects. *Internet Policy Review* 11 (1). <https://doi.org/10.14763/2022.1.1638> *denotes equal contribution
- [18]: **K Kollnig**, N Shadbolt (2022). TrackerControl: Transparency and Choice around App Tracking. *Journal of Open Source Software*, 7(75), 4270, <https://doi.org/10.21105/joss.04270>
- [19]: **K Kollnig**, A Shuba, R Binns, M Van Kleek and N Shadbolt (2022). Are iPhones Really Better for Privacy? A Comparative Study of iOS and Android Apps. *PETS 2022*. <https://doi.org/10.2478/popets-2022-0033> – This paper was nominated for the IETF Applied Networking Research Prize 2023 and was ranked the top 12 security and privacy paper of 2022: https://www.mlsec.org/topnotch/sec_ntop100.html
- [20]: **K Kollnig**, R Binns, M Van Kleek, U Lyngs, J Zhao, C Tinsman and N Shadbolt (2021). Before and after GDPR: tracking in mobile apps. *Internet Policy Review*, 10(4). <https://doi.org/10.14763/2021.4.1611>
- [21]: **K Kollnig**, P Bientinesi and E Di Napoli (2021). Rational spectral filters with optimal convergence rate. *Journal on Scientific Computing*. <https://doi.org/10.1137/20M1313933> – Bachelor's Thesis
- [22]: Y Y Kolotaev* and **K Kollnig*** (2021). Political Influence of Online Platforms: YouTube's Place in European Politics. *Journal on International Relations of Saint Petersburg University*. <https://irjournal.spbu.ru/article/view/10176/8096> *denotes equal contribution

Conference Publications (Peer-Reviewed)

- [23]: Y Vekaria, N Demir, **K Kollnig**, Z Shafiq (2026). Understanding Data Collection, Brokerage, and Spam in the Lead Marketing Ecosystem. *IEEE S&P 2026*.
- [24]: LG Uberti-Bona Marin, B Rijsbosch, K Meding, G Spanakis, G van Dijck, **K Kollnig** (2026). Is your AI Model Accurate Enough? The Difficult Choices Behind Rigorous AI Development and the EU AI Act. *ACM FAccT 2026*.
- [25]: L Hoeben-Kuil, G van Dijck, J Savelka, J Gunawan, **K Kollnig**, M Kolacz, et al. (2025). Can LLMs Create Legally Relevant Summaries and Analyses of Videos? *JURIX 2025*.
- [26]: G Wang, J Zhao, **K Kollnig**, A Zier, B Duron, Z Zhang, M Van Kleek, N Shadbolt (2024). DataTalk: A New Approach to Inform Families of Mobile Datafication Risks. *CHI 2024*. <https://doi.org/10.1145/3613904.3642283>
- [27]: **K Kollnig**, S Datta, T Şerban von Davier, M Van Kleek, R Binns, U Lyngs, N Shadbolt (2023): 'We are adults and deserve control of our phones': Examining the risks and opportunities of a right to repair for mobile apps. *ACM FAccT 2023*. <https://doi.org/10.1145/3593013.3593973>
- [28]: **K Kollnig**, A Shuba, M Van Kleek, R Binns, N Shadbolt (2022). Goodbye Tracking? Impact of iOS App Tracking Transparency and Privacy Labels. *ACM FAccT 2022*. <https://doi.org/10.1145/3531146.3533116>
- [29]: S Datta, **K Kollnig**, N Shadbolt (2022). Mind-proofing Your Phone: Navigating the Digital Minefield with GreaseTerminator. *ACM IUI 2022*. <https://doi.org/10.1145/3490099.3511152>
- [30]: D Omeiza, **K Kollnig**, H Webb, M Jirotko and L Kunze (2021). Why Not Explain? Effects of Explanations on Human Perceptions of Autonomous Driving. *ARSO 2021*. <https://doi.org/10.1109/ARSO51874.2021.9542835>
- [31]: 🏆 **K Kollnig**, R Binns, P Dewitte, M Van Kleek, G Wang, D Omeiza, H Webb and N Shadbolt (2021). A Fait Accompli? An Empirical Study into the Absence of Consent to Third-Party Tracking in Android Apps. *SOUPS 2021*. <https://www.usenix.org/system/files/soups2021-kollnig.pdf> – *Winner of the FPF Student Paper Award, Privacy Papers for Policymakers 2022*

Workshop Publications (Peer-Reviewed)

- [32]: LG Uberti-Bona Marin, B Rijsbosch, G Spanakis, **K Kollnig** (2025). Are Companies Taking AI Risks Seriously? A Systematic Analysis of Companies' AI Risk Disclosures in SEC 10-K forms. *SoGood Workshop of ECML PKDD 2025*.
- [33]: Y Chao, M Xu, A Tamò-Larrieux, K Garcia, **K Kollnig** (2024). Legal, Technical, and Social Limitations of Data Portability through Decentralized Applications. *Solid Symposium 2024*
- [34]: 🏆 **K Kollnig**, L Zhang, J Zhao, N Shadbolt (2023): Before and after China's new Data Laws: Privacy in Apps. *ConPro 2023*. <https://conpro23.ieee-security.org/papers/kollnig-conpro23.pdf> – *Best Paper Award*
- [35]: S Datta, **K Kollnig**, N Shadbolt (2022): GreaseVision: Rewriting the Rules of the Interface. *NAACL 2022 Workshop*. <https://doi.org/10.18653/v1/2022.dadc-1.2>

- [36]: D Omeiza, S Anjomshoae, **K Kollnig**, OM Camburu, K Främling, L Kunze (2021). Towards explainable and trustworthy autonomous physical systems. *Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems*.
- [37]: **K Kollnig**, Q Li (2023). Exploring Antitrust and Platform Power in Generative AI. *GenLaw '23 (ICML'23 Workshop)*. <https://doi.org/10.48550/arXiv.2306.11342>
- [38]: **K Kollnig***, S Datta* and M Van Kleek (2021). I Want My App That Way: Reclaiming Sovereignty Over Personal Devices. *ACM CHI 2021 LBW*.
<https://doi.org/10.1145/3411763.3451632> *denotes equal contribution
- [39]: E Di Napoli, J Winkelmann, **K Kollnig** (2019). Optimizing rational filters for interior eigenvalue solvers. *SPPEXA Final Symposium 2019*.

Technical Reports, Pre-Prints, and Comments

- [40]: K Szostak, G van Dijck, **K Kollnig** (2025). Mind the Competitiveness Gap: Measuring the AI Act's Extraterritorial Reach. *Under review at Computer Law & Security Review*.
- [41]: D Halil, **K Kollnig** (2025). Big is Not Bad, but Big AI Might Be: EU Merger Law and the Future of AI Competition. *Available at SSRN 5942396*.
- [42]: S Munir, N Demir, Q Li, **K Kollnig**, Z Shafiq (2025). Every Keystroke You Make: A Tech-Law Measurement and Analysis of Event Listeners for Wiretapping. *arXiv preprint arXiv:2508.19825*.
- [43]: A Shteyn, **K Kollnig** and C Inverarity (2023). Federated learning: an introduction – Considerations and practical guidance for prospective adopters. *Open Data Institute*.
<https://www.theodi.org/article/federated-learning-an-introduction-report/>
- [44]: **K Kollnig**, R Binns (2022): The Cost of the GDPR for Apps? Nearly Impossible to Study without Platform Data. <https://arxiv.org/abs/2206.0973>
- [45]: D Beavan, F Barez, M Bell, J Fitzgerald, E Goudarouli, **K Kollnig**, B McGillivray, F Nanni, T Rashid, S Sousa, T Storrar, K Svetlov, L Talboom, A Vuilliomnet, P Willcox (2021). Data Study Group Final Report: The National Archives.
<https://www.turing.ac.uk/research/publications/data-study-group-final-report-national-archives-uk>

Government Consultations

- [46]: **K Kollnig** (2025). Response to public consultation: Anti-Competitive Hurdles in the App Economy.
<https://www.gov.uk/government/consultations/sms-investigations-into-apple-and-googles-mobile-ecosystems>
- [47]: S Coleman & **K Kollnig** (2025). Response to public consultation: Search has only been the start.
<https://www.gov.uk/government/consultations/sms-investigation-into-googles-general-search-and-search-advertising-services>
- [48]: **K Kollnig** et al. (2024). On the Draft Delegated Act for Article 40 of the Digital Services Act (DSA).
<https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/13817-D>

elegated-Regulation-on-data-access-provided-for-in-the-Digital-Services-Act/F3498690_en

- [49]: **K Kollnig** (2024). Réponse: Consultation publique sur les applications mobiles de la Commission nationale de l'informatique et des libertés (CNIL).
https://kollnig.net/wp-content/uploads/2024/10/Reponse_-_Consultation-publique-sur-les-applications-mobiles-de-la-CNIL.pdf
- [50]: **K Kollnig**, R Binns, N Shadbolt (2022). Response to the public consultation by the UK Competition and Markets Authority.
https://assets.publishing.service.gov.uk/media/6229ac9b8fa8f526cf29aa2f/Konrad_Kollnig__Reuben_Binns__Nigel_Shadbolt__Department_of_Computer_Science__University_of_Oxford.pdf
- [51]: Researchers from the Human Centred Computing Research Group and the Responsible Technology Institute (2021). Response to the public consultation on reforms to the UK's data protection regime by the Department for Digital, Culture, Media & Sport.
https://kollnig.net/wp-content/uploads/2021/12/Oxford_HCC_RTI_DCMS_Consultation_Response.pdf

Outreach and Opinion Articles

- [52]: **K Kollnig** (2024). Chrome Is the Forgotten Fulcrum of Google's Dominance.
<https://www.promarket.org/2024/08/08/chrome-is-the-forgotten-fulcrum-of-googles-dominance/>
- [53]: **K Kollnig** (2023). Not every AI system must be built. *Entscheidung*.
<https://www.entscheidung.de/archiv/weil-es-unser-europa-ist/>
- [54]: **K Kollnig**, Calum Inverarity (2023). Modern PETs and confidential computing: no way out from GDPR obligations. *Open Data Institute*.
<https://www.theodi.org/article/modern-pets-and-confidential-computing-no-way-out-from-gdpr-obligations/>
- [55]: **K Kollnig**, P Dewitte (2023). "GDPR compliance is hard", but is it? – 20 hours to overcome privacy issues in mobile apps. *Internet Policy Review*.
<https://policyreview.info/articles/news/gdpr-compliance-privacy-issues-mobile-apps/1678>
- [56]: **K Kollnig** (2023). Exploring Antitrust and Platform Power in Generative AI (paper summary). *Montreal AI Ethics Institute*.
<https://montrealethics.ai/exploring-antitrust-and-platform-power-in-generative-ai/>
- [57]: **K Kollnig**, Calum Inverarity (2023). Federated analytics for public good: Contact-tracing apps in Covid-19 containment. *Open Data Institute*.
<https://www.theodi.org/article/federated-analytics-for-public-good-contact-tracing-apps-in-covid-19-containment/>
- [58]: **K Kollnig** (2022). Before and after GDPR: tracking in mobile apps (paper summary). *Montreal AI Ethics Institute*.
<https://montrealethics.ai/before-and-after-gdpr-tracking-in-mobile-apps/>

- Since 2025: Henry Tari (PhD student)
- Since 2025: Ishitaa Narwane (PhD student)
- Since 2024: Bram Rijsbosch (PhD student)
- Since 2024: Kamil Szostak (PhD student)
- Since 2024: Lucas Giovanni Uberti-Bona Marin (PhD student)
- Since 2024: Qian Li (postdoc)

SERVICE

- 2025, PC and Reviewer for PETS 2026, Editorial Board for Humanities and Social Sciences Communications, and Reviewer for various journals
- 2024, PC and Reviewer for PETS 2025, Editorial Board for Humanities and Social Sciences Communications, Reviewer for Digital Legal Talks '24
- 2023, Co-organiser of the 36th JURIX Conference on law and AI
- 2023, PC and Reviewer for PETS 2024 + CHI 2024 + ICAIL 2023 + SOUPS PEP '23 + Digital Legal Talks '23
- 2023: Signatory of Open Letter on Client-Side Scanning of 450+ leading academics
- Since 2022, Member of the Technology Advisory Panel of the Information Commissioner's Office (ICO), the UK data protection regulator
- Since 2022, Member of Pool of Experts of EU's European Data Protection Board
- Since 2022, Member of the W3C Privacy Community Group
- Since 2021: Advising various organisations and NGOs on data protection in apps (including noyb, Sitra, 5Rights, Big Brother Watch, Washington Post)
- Since 2019, Developer of TrackerControl (200k+ downloads)
- 2022–2023, Member of the PETS Artifact Review Committee
- 2022–2023, Member of Computers and Law Research Group, Oxford Law Faculty
- 2022, Reviewer for PLOS ONE and the DFG, the German funding agency
- 2022, Co-founder of AIReg.net, a blog on AI regulation
- 2022, Led report for public consultation of CMA in the UK
- 2019–2023, Student Researcher in the EPSRC-funded KOALA (Kids Online Anonymity & Lifelong Autonomy) project on privacy for kids
- 2019–2023, PhD student representative, Department of Computer Science Oxford
- 2021, Co-led report for public consultations on reforming UK data protection law
- 2021, Member of Tracking-Free Ads Coalition that made important amendments to the EU Digital Services Act relating to personalised advertising

- 2020, Co-organised CHI Workshop on Explainable and Trustworthy Autonomous Physical Systems
- 2020, Co-convenor HCC Safety Reading Group

SELECTED PRESS COVERAGE

- Newsweek (2025). Google Chrome's Internet Supremacy Faces Major Threats
- ProMarket (2025). It's Time To Imagine Chrome Without Google.
- Business Insider (2024). The DOJ wants Google to sell its Chrome browser. Here are the winners and losers if that happens.
- SZ Dossier (2024). „Noch ganz am Anfang“: Datenzugang unter dem DSA
- Wired (2024): “How to Be More Anonymous Online”
- New Scientist (2023): “Nowhere to hide: Data harvesters came for your privacy – and found it” (being cover story of that issue)
- noyb (2023): “How mobile apps illegally share your personal data”
- Editoriale Domani (2023): A Year of ChatGPT
- Digiday (2023): “Two years into Apple's ATT, ad-tech still sees growth despite slowdowns”
- Netzpolitik (2022): “Many ‘tracking-free’ apps in iOS secretly track users”
- Vox/Recode (2022): “The winners and losers of Apple's anti-tracking feature”
- Forbes (2022): “Why The Crumbling Of Advertising Cookies Brings A New Recipe For Customer Engagement”
- Ars Technica (2022): “Your iOS app may still be covertly tracking you, despite what Apple says”
- Der Standard (2022): “Study: iPhone apps continue to track eagerly despite Apple's privacy changes”
- TechCrunch (2022): “Study of Apple's ATT impact highlights competition concerns”
- Der Standard (2022): "Numerous iPhone apps spy on users, but claim the opposite"
- Der Standard (2021): "Study shows: Data collection with iPhone apps hardly better than under Android"
- The Register (2021): “What do iOS and Android have in common?”
- Wired UK (2021): “All those pub apps you've downloaded are a privacy nightmare”
- IEEE Spectrum (2021): “New Tool Strips Manipulative “Dark Patterns” From Mobile Apps”

- xataka (2020): “More privacy for your mobile with TrackerControl, an app that blocks trackers and analyses their connections”
- EL ESPAÑOL (2019): “The best app to check who's tracking your data”

TEACHING

- 2026: Internet Law & Governance (Coordinator + Lecturer), Maastricht University
- 2025: Internet Law & Governance (Coordinator + Lecturer), Maastricht University
- 2024: Legal Analytics (Coordinator + Lecturer), Maastricht University
- 2024: Internet Law & Governance (Coordinator + Lecturer), Maastricht University
- 2023: Advanced Legal Analytics (Tutor), Maastricht University
- 2023: Deep Learning in Healthcare (Teaching Assistant), University of Oxford
- 2022: Software Requirements (Teaching Assistant), University of Oxford
- 2021: Introduction to Machine Learning (Guest Lecture), AIFC Academy of Law
- 2021: Software Requirements (Teaching Assistant), University of Oxford
- 2020: Corona School – Provided free tuition for secondary school students
- 2020: Computational Game Theory (Marking Only), University of Oxford
- 2020: Machine Learning (Marking Only), University of Oxford
- 2020: Software Requirements (Teaching Assistant), University of Oxford
- 2016: Formal Systems, Automata and Processes (Teaching Assistant), RWTH

LANGUAGES

- German: Native
- English: Native-level proficiency (C2)
- French: Working proficiency (B2)
- Dutch: Working proficiency (B2)
- Latin: Reading proficiency (B2)