

Curriculum vitae

Personal information

First name, Surname:	Michael Alexander Riegler		
Date of birth:	18.09.1984	Sex:	M
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	https://scholar.google.com/citations?user=Vd_ApDoAAAAJ&hl=en		
URL for personal website:	https://www.simula.no/people/michael		

Education

Year	Faculty/department - University/institution - Country
2017 (dissertation defended)	Dr. Scient (Ph.D.), Department of Informatics, University of Oslo, NO (submitted 12 months ahead of schedule)
2014	Magister (Mag.), Department of Informatics and Department of Economics, University of Klagenfurt, AT

Positions - current and previous

Year	Job title – Employer - Country
2026-	Head of AI Safety Department & Co-lead of the Centre for AI Security and Safety, SimulaMet - Simula Metropolitan Center for Digital Engineering, NO
2019-	Chief Research Scientist, SimulaMet - Simula Metropolitan Center for Digital Engineering, NO
2023-	Professor, OsloMet - Oslo Metropolitan University (20%), NO
2025-2026	Head of AI, Simula Research Laboratory, NO
2024-2025	Head of AI strategy, SimulaMet - Simula Metropolitan Center for Digital Engineering, NO
2019-2024	Adjunct Associate Professor, University of Tromsø, NO
2023-2024	Deputy Head of Department Holistic Systems, SimulaMet, NO
2019-2020	Adjunct Associate Professor, Kristiania University College, NO
2018-2019	Senior Research Scientist, SimulaMet, NO
2017-2018	Research Scientist, Simula Research Laboratory, NO
2014-2017	PhD Student, Simula Research Laboratory, NO

Career breaks

Year	Reason
2020	Parental leave second child (5 month)
2017	Parental leave first child (6 month)

Project management experience

Year	Project owner - Project - Role - Funder
2021-2025	ILMA - Interview training of child-welfare and law-enforcement professionals interviewing maltreated children supported via artificial avatars (WP leader, RCN Fripro, 12MNOK)
2021-2023	AIDirector - Automatic sport video editing using AI (Project leader, RCN Innovation project, 4MNOK)
2022-2023	GastroNet - Building an Imagenet like dataset for gastroenterology (Project leader, American society of gastroenterology, 70K USD)
2018-2020	AutoCap - Automatic Anomaly Detection in Video Capsule Endoscopy (WP leader, RCN BIA, 12MNOK)
2019-2024	ReproAI - Improved assisted human reproduction technology using AI (WP leader, RCN FRIMEDBIO, 12MNOK)
2017-2019	INTROMAT - INTROducing Mental health through Adaptive Technology (Researcher, RCN Lighthouse, 72MNOK)
2017-2020	PRIVATON - Protecting Shared Data with Privacy Automatons (Researcher, RCN, 12MNOK)
2014-2017	EONS - Efficient Execution of Large Workloads on Elastic Resources (Researcher, RCN FRINATEK, 12MNOK)
2018	GastroEye - GI video capsule analysis (Researcher, Italian, 700KNOK)
2016	DigSys - Non-Invasive, Scalable Automatic Screening of the GI System (Researcher, RCN pre-project, 500KNOK)

Supervision of students

Master's students	Ph.D. students	University/institution - Country
69	14	University of Oslo, Norway; OsloMet, Norway; University of Tromsø, Norway; University of Trento, Italy; NTNU, Norway

Other relevant professional experiences

Year	Description - Role
2025-	Safety-testing of AI language models with Norwegian public-sector agencies (Helsedirektoratet, UDI, Digdir) for citizen-facing and administrative use (technical lead), Simula Centre for AI Security and Safety (CAISS)

2024-	Editor Nature Scientific Data
2023-2024	Guest editor Nature Scientific Reports Collection on AI alignment
2022-2025	Editor, Nature Scientific Reports
2023-2024	Expert group member on generative artificial intelligence, The Norwegian Board of Technology, NO, Report: https://teknologiradet.no/publication/generativ-kunstig-intelligens-i-norge/
2017-2022	Expert group member on artificial intelligence in health, The Norwegian Board of Technology, NO
2021-2025	SimulaMet Employee Representative board member, SimulaMet, NO
2019-2025	OsloMet AI lab board member, OsloMet, NO
2019-2023	Member of the Academy of Norway, Akademiet for yngre forskere
2014-	ACM and IEEE member

Year	Start-ups and industry experience
2024-	Newcode.ai – AI platform for legal professionals – Advisory Board Member, AI
2018-2026	Augere.md – Building advanced AI models for colonoscopy, CE mark obtained in 2024 – Scientific advisor, Co-founder
2023-2025	Innsikt.ai – Development of AI avatars for professional training – Chief Innovation Officer, Co-founder
2019	Smittestopp – App for contact tracing – Lead machine learning implementation for app

Year	Fellowships, awards
2025	Communicator of the Year, Simula Research Laboratory
2025	Life time achievement award, NORA – Norwegian Artificial Intelligence Research Consortium
2024 2023	Included in Stanford University's list of top-cited 2% scientists, https://topresearcherslist.com/Home/Profile/900344
2022	Nominee for the AI influencer of the Year Award, Hyperight AB
2019	One of the five ESHRE 2019 most promising researchers (ESRHE Young Ambassador), European Society of Human Reproduction and Embryology
2018	Researcher of the Year of Simula Research Laboratory, Simula Research Laboratory
2018	IEEE ISM 2018 Best paper award
2018	MediaEval 2018 Distinctive Mention award
2018	IEEE CBMS 2018 Best paper award

2018	One of four Rising Stars/Leaders in the multimedia research community, ACM SIGMM
2017	TEWI Hall of fame – Award from University of Klagenfurt for most successful alumni
2014	Award for best performing student 2012/2013 from the Faculty of Management and Economics at the University of Klagenfurt
2014	Scholarship from Klagenfurt University for extraordinary study achievements
2013	Scholarship from Klagenfurt University for extraordinary study achievements
2013	Excellence Scholarship Industrialists' association Carinthia (Exzellenzstipendium der Industriellenvereinigung Kärnten)
2012	Scholarship from Klagenfurt University for extraordinary study achievements

Track record

My work sits where measurement methodology meets machine-learning systems: how to know whether an evaluation of an AI system means what it claims to mean. That thread runs from validation and metric-selection methodology (the Metrics reloaded consortium, Nature Methods) and the statistics of evaluation, through open benchmark infrastructure adopted internationally, to label-free safety evaluation of language models at Simula's Centre for AI Security and Safety, which is the line of work this proposal builds on, and the framework Norway's national AI body now points public-sector bodies to for testing AI systems. Selected for relevance to GAUGE rather than as a summary of output; full record on Google Scholar (link above). h-index 63, ~23,400 citations (Google Scholar, August 2026).

-Gautam S, […], Riegler MA. When No Benchmark Exists: Validating Comparative LLM Safety Scoring Without Ground-Truth Labels. arXiv:2605.06652, 2026. Under review, NeurIPS 2026. — Senior author. Defines benchmarkless comparative safety scoring and the instrumental validity chain that GAUGE turns into a measurement science.
-Maier-Hein L, Reinke A, […], Riegler MA, et al. Metrics reloaded: recommendations for image analysis validation. Nature Methods 2024;21(2):195–212. — International consortium on measurement validity for AI methods; I led the image-level classification arm and contributed to the metric definitions. The closest existing precedent to WP1's licensing conditions.
-Riegler MA, Gautam S, Pettersen KH. Safety Evaluation of Language Models for Norwegian Deployment. Simula Safety Report 1, 2026. Zenodo: 10.5281/zenodo.18195708. — First author. Comparative safety evaluation of five models on 36 Norwegian scenarios in health, legal and public-sector domains; the empirical antecedent of the WP5 validation.
-CAISS report series, 2026 (report lead on all three): Auditing the Borealis Norwegian Language Models (10.5281/zenodo.20840166); The Claude Fable 5 & Mythos 5 System Card: A Detailed Analysis (10.5281/zenodo.20838837); Jensen J, Lysne O, Moonen L, Pettersen KH, Riegler MA, Røstad L. State of AI in Norway 2026 (10.5281/zenodo.20840014). — Adversarial testing of Norwegian and frontier models; the frontier system-card analysis is directly relevant to WP4's reflexive-ceiling regime.
-Hammer HL, Riegler MA, Tjelmeland H. Approximate Bayesian inference based on expected evaluation. Bayesian Analysis 2024;19(3):677–98. — Statistical methodology; the inference competence WP1's variance-components work and WP3's bound require.
-Torpmann-Hagen B, Riegler MA, Halvorsen P, Johansen D. A robust framework for distributional shift detection under sample bias. IEEE Access 2024. — Detecting when the conditions an evaluation assumes no longer hold.
-Borgli H, […], Riegler MA, et al. HyperKvasir: a comprehensive multi-class image and video dataset for gastrointestinal endoscopy. Scientific Data 2020;7:283. — Open benchmark infrastructure with sustained independent reuse; the model for how WP2's reference-standard library is built and released.
-Knutsen LZ, Hannay JE, Riegler MA. Artificial intelligence in the public sector — an agenda for responsible innovation through learning. IWSiB 2024. — Norwegian public-sector AI adoption; the setting of the WP5 validation.