PERSONAL INFORMATION

Name	André Miguel Herdeiro Teixeira
Work address	Department of Information Technology
	Uppsala University
	Box 337, SE-751 05 Uppsala, Sweden
Contact details	Mobile: +46 18-471-5414
	E-mail: andre.teixeira@it.uu.se
Personal website	https://www.andre-teixeira.eu
Publications	https://www.andre-teixeira.eu/publications.html & Google Scholar
Pedagogical Merits	https://www.andre-teixeira.eu/cv/Pedagogical_Merits.pdf

ACADEMIC POSITIONS

2021–present	Associate Professor in Computer Science with specialization in Cybersecurity
	Department of Information Technology, Uppsala University, Uppsala, Sweden
2017–2021	Assistant Professor in Signal Processing (Tenure Track)
	Department of Electrical Engineering, Uppsala University, Uppsala, Sweden
2015–2017	Assistant Professor in Cybersecurity of Critical Infrastructures (Tenure Track)
	Faculty of Technology, Policy, and Management, TU Delft, Delft, The Netherlands
2014–2015	Post-doctoral Researcher, KTH Royal Institute of Technology, Stockholm, Sweden

Academic Degrees

2025	Docent in Automatic Control, Uppsala University, Sweden
2014	Ph.D. in Automatic Control, KTH Royal Institute of Technology, Stockholm, Sweden
2012	Licentiate in Automatic Control, KTH Royal Institute of Technology, Stockholm, Sweden
2009	M.Sc. in Electrical and Computers Engineering, Universidade do Porto, Porto, Portugal

LEADERSHIP TRAINING

2021–2023	Leadership Program SSF Future Research Leaders 7.
2016	Leadership and Personal Development Program at Delft University of Technology.

LONGER RESEARCH VISITS

MIT – Massachusetts Institute of Technology, USA, May-June 2013. **University of California Berkeley**, USA, March-April 2013, August-November 2009. **University of Oxford**, UK, February 2011. **Lund Center for Control of Complex Engineering Systems, Lund University**, Sweden, January-February 2010.

LEADERSHIP ACTIVITIES (selected)

2023–present	Deputy Head of Division, Division of Systems and Control.
2022–present	Director of the Uppsala Secure Learning and Control Laboratory.
2019–present	Coordinator of the Cybersecurity Arena at the Dept. of Information Technology.
2022–present	Member of the Equal Opportunities Group at the Department of Information Technology.

SUPERVISION OF GRADUATE STUDENTS

2024–present	David Vävinggren (Co-supervisor), *Adversarial Statistical Learning*
2024–present	Xinyu Wei (Main supervisor), *Adverse Interactions in Distributed Voltage Control*
2024–present	Ville K. Mattsson (Main supervisor), *Secure Control Systems*
2023–present	Alessandro Varalda (Co-supervisor), *Closing the loop in Real-Time Cyber-Neural Systems*
2023–present	Lovisa Eriksson (Main supervisor), *Security and Safety in Machine Learning*
2023–present	Usama Zafar (Co-supervisor), *Secure Federated Machine Learning*
2022–present	Zhenlu Sun (Co-supervisor), *Data-driven Vulnerability Analysis*
2021–present	Sanja Karilanova (Co-supervisor), *Data Processing with Spiking Neural Networks*
2021–present	Anh Tung Nguyen (Main supervisor), *Secure Large-Scale Control Systems*
2019–2025	Fatih Emre Tosun (Main supervisor), *Sensor Attack Detection in Artificial Pancreas Systems*
2019–2024	Sribalaji C. Anand (Main sup.), *Risk-Based Analysis and Design of Secure Control Systems*
2015–2020	Saba Chockalingam (Daily Co-supervisor) TU Delft.
2015–2017	Daily supervisor of 4 PhD students, TU Delft

SUPERVISION OF POSTDOCTORAL FELLOWS

2024–present	Javad Parsa (Main supervisor), *Secure Federated Learning*
2024–present	Jingwei Dong (Main supervisor), *Model-based Anomaly Detection*
2023–present	Ruslan Seifullaev (Main supervisor), *Secure Networked Control*
2023–present	Alain Govaert (Main supervisor), *Resilience and Security in Networked Systems*
2023–2025	Daniel Arnström (Main supervisor), *Security in Data-Driven Control Systems*
2022–2023	Mohamed Abdalmoaty (Co-supervisor), *Privacy and Security in Control Systems*
2019–2022	Arunava Naha (Co-supervisor), *Statistical Change Detection*
2020–2021	Abbas Arghavani (Co-supervisor), *Covert Wireless Communications*

RESEARCH FELLOWSHIPS AND AWARDS (selected)

2025	Finalist for the IEEE CSS TC "Security and Privacy" Outstanding Student Paper Prize
2024	IEEE CSS TC "Network and Communication Systems" Outstanding Student Paper Prize
2023	Wallenberg Academy Fellow, the Knut and Alice Wallenberg Foundation
2023	Lilly and Sven Thuréus prize, The Royal Society of Sciences at Uppsala
2020	Future Research Leader 7 Grant, The Swedish Foundation for Strategic Research
2018	Starting Grant, Swedish Research Council
2018	Honorable Mention for the Paul M. Frank Award at SAFEPROCESS, IFAC
2015	Finalist for the 2015 EECI Annual European PhD Award on Control for Complex and Heterogeneous Systems, EECI
2014	Best Student-Paper Award, IEEE Conference on Control Applications

RESEARCH PROJECTS (selected)

2025 - 2029	EU MSCA Doctoral Network 2024: Young Researcher Network for Security and Resilience of Critical Cyber-Physical Systems. *PI from Uppsala University*. *approx. 29 MSEK*.
2025-2029	Wallenberg Academy Fellow, Knut and Alice Wallenberg Foundation. *5 MSEK*.
2023-2027	Prob4Sec: Probabilistic Methods for Secure Learning and Control, Swedish Research Council (Vetenskapsrådet). *Principal investigator*. *4.1 MSEK*.
2023-2026	ADVOLCANO - Adverse Voltage Controllers' Interactions in Active Distribution Networks, The Swedish Energy Agency. *co-PI. 6 MSEK*.
2023-2025	Validating a SDK for edge federated learning, Vinnova. *co-PI. 4.9 MSEK*.
2020-2025	Secure and Resilient Control Systems, The Swedish Foundation for Strategic Research (SSF), Future Research Leaders 7. *Principal Investigator*. *12 MSEK*.
2019-2022	Analysis and Design of Secure and Resilient Control Systems, Swedish Research Council (Vetenskapsrådet), VR Starting Grant. *Principal investigator*. *3.920 MSEK*.

COMMISSION OF TRUST (selected)

2025	Member of the International Program Committee for IEEE Conf. Decision and Control
2024	Expert reviewer for the Israel Science Foundation.
2020–2025	Evaluation Panel member for the Research Council of Norway (in 2020, 2023, 2025).
2022–present	Associate Editor for the IFAC Journal Automatica.
2021–present	Associate Editor for the European Control Conference.
2022	Expert reviewer of one application for Tenure/Associate Professor at UT Dallas, USA.
2018-2025	Member of the Ph.D. examination committee for 9 doctoral students.
2019	Reviewer for NWO (The Netherlands), "Cyber Security - Digital Security & Privacy".

ORGANISATION OF SCIENTIFIC ACTIVITIES (selected)

2022–2024	Member of the organizing committee for the European Control Conference 2024.
2022	Co-Organizer and speaker at the DISC Summer School "Security and Resiliency for Cyber-Physical Systems – foundations and recent advances", Noordwijkerhout, The Netherlands.
2015–2023	Co-organizer of invited sessions on safety, security, and privacy in control systems at 5 international conferences in controls.
2021	Co-editor of the edited book "Security, safety, and privacy for Cyber-physical systems", together with Dr. Riccardo Ferrari (TU Delft) , published by Springer.
2019	Co-organizer of a Tutorial Session on "Cybersecurity and Privacy in Control Systems", European Control Conference (ECC), Nice, France