Curriculum Vitae

Dr. Hans Peter Reiser, Associate Professor

Office address:	University of Reykjavik Department of Computer Science Menntavegur 1, 102 Reykjavik, Iceland Tel.: +354 599 6273, E-Mail: hansr@ru.is
Research interests:	• Secure and resilient distributed systems • Attack detection and analysis, digital forensics • Virtual machine introspection • Machine learning for cybersecurity and threat analysis • Intrusion-tolerant and fault-resilient system architectures

Scientific development:

Scientific jobs	07/2022–	Associate Professor, Reykjavik University, Iceland
	01/2022–06/2022	Assistant Professor, Reykjavik University, Iceland
	04/2021–12/2021	Stand-in full professor (Vertretungsprofessur W3) for Reliable Distributed Systems, Universität Passau
	10/2017–03/2018	Visiting full professor (Vertretungsprofessur W3) for System Security, Karlsruher Institut für Technologie
	03/2011–03/2021	Assistant professor (Juniorprofessor W1) for Security in Information Systems, Universität Passau
	08/2010–12/2010	Visiting Professor, Carnegie Mellon University, Pittsburgh, PA, USA
	09/2007–02/2011	Assistant Professor *(professor auxiliar)*, Faculdade de Ciências da Universidade de Lisboa, Portugal
PhD	12/2006	Fakultät für Ingenieurswissenschaften und Informatik, Universität Ulm, PhD in Computer Science (Dr. rer. nat), summa cum laude (with distinction)
	Topic	"Flexible and reconfigurable support for object replication", Advisor: Prof. Dr. Franz J. Hauck
MSc	09/1995–05/2001	Degree course Diplom-Informatik (MSc equivalent), Friedrich-Alexander-Universität Erlangen-Nürnberg

Other activities:

Side-track activity	03/2007–05/2022	Chairman, Deutscher Amateur Radio Club (DARC), Ortsverband Passau
Side-track activity	04/2002–02/2005	Board member, Config Informationstechnik eG, Buckenhof
Side-track activity	10/2001–02/2007	Consulting, education, and software development, Config Informationstechnik eG, Buckenhof
Side-track activity	09/1997–06/1999	Software development for embedded systems (Motorola HC11/12/16), Vogl Electronic GmbH, Tiefenbach

Language skills:

German (mother tongue), English (fluent), Portuguese (fluent), Spanish (intermediate), Icelandic (beginner)

Membership in scientific organizations:

- ACM (since 2006)
- Gesellschaft für Informatik (since 2007)
- Deutscher Hochschulverband (since 2008)

Organisation of scientific conferences (selection since 2020):

- INFOCOM'2025 (IEEE Int. Conf. on Computer Communications): PC Member
- DAIS'2025 (Distrib. Applications and Interoperable Systems): PC, Steering Committee
- NordSec'2024 (Nordic Conference on Secure IT Systems): PC, Steering Committee
- IoT'2024 (14th Int. Conf. on the Internet of Things): Keynote and Panel Chair
- INFOCOM'2024 (IEEE Int. Conf. on Computer Communications): PC Member
- LADC'2024 (12th Latin-American Symp. on Dependable and Secure Comp.): PC Member
- DAIS'2024 (Distrib. Applications and Interoperable Systems): PC, Steering Committee
- NordSec'2023 (Nordic Conference on Secure IT Systems): PC, Steering Committee
- ICDCS'2023 (IEEE Int. Conf. on Distributed Computing Systems): PC Member
- ICNP'2023 (IEEE Int. Conf. on Network Protocols): Organizing Committee, PC Member
- ICN'2023 (ACM Conference on Information-Centric Networking): Organizing Committee
- LADC'2023 (12th Latin-American Symp. on Dependable and Secure Comp.): PC Member
- DAIS'2023 (Distrib. Applications and Interoperable Systems): PC, Steering Committee
- NordSec'2022 (Nordic Conference on Secure IT Systems): PC Chair
- BlockTEE'2022 (1st Workshop on Blockchain Technologies and TEEs): PC Member
- DAIS'2022 (Distrib. Applications and Interoperable Systems): PC, Steering Committee
- NordSec'2021 (Nordic Conference on Secure IT Systems): PC Member
- Middleware'2021 (ACM/IFIP Middleware): PC Member
- DAIS'2021 (Distributed Applications and Interoperable Systems): Steering Committee
- NordSec'2020 (Nordic Conference on Secure IT Systems): PC Member
- Middleware'2020 (ACM/IFIP Middleware): PC Member
- DAIS'2020 (Distrib. Applications and Interoperable Systems): PC, Steering Committee
- SICHERHEIT'2020 (GI Sicherheit – Schutz und Zuverlässigkeit 2020): PC Member

Reviewer for scientific journals (selection):

- International Journal of Information Security (Springer)
- Future Generation Computer Systems (Elsevier)
- Journal of Systems Architecture: Special Issue on Embedded Software Design (Elsevier)
- Computing: Special Issue On Dependable Computing – Theory And Practice (Springer)

Previously taught lectures

Reykjavik University (2022-heute)

- *Operating Systems (Stýrikerfi)*, BSc Computer Science   2022–2025
- *Computer Networks (Tölvusamskipti)*, BSc Computer Science   2022
- *Machine learning in cyber security*, MSc Computer Science   2023, 2024
- *Byzantine Fault Tolerance (as part of Summer School on Reliable and Secure Distributed Systems)*, MSc Computer Science   2022

Universität Passau (2011-2021)

- *Resilient Internet-of-Things Infrastructures*, MSc Computer Science   2021
- *Cloud Security*, MSc and BSc Computer Science   2014–2021
- *Dependable Distributed Systems*, MSc Computer Science   2011–2021
- *Computer Networks*, BSc Computer Science and Internet Computing   2019
- *Functional Safety*, BSc Internet Computing   2016–2018
- *Dependable and Secure Embedded Systems*, BSc Mobile Embedded Systems   2014–2015
- *Seminar "Cloud Computing"*, BSc Computer Science   2011–2022
- *Seminar "IT-Sicherheit von A-Z"*, BSc Computer Science   2014/15
- *Advanced IT Security*, MSc Computer Science   2012–2013
- *Security in Information Systems*, MSc Computer Science   2011–2013

Karlsruher Institut für Technologie (WS2017/18)

- *Betriebssysteme*, BSc Computer Science
- *Cloud Security and Forensics*, MSc Computer Science

Carnegie Mellon University (2010)

- *Fault Tolerant Distributed Systems*, MSc in Information Security

Universidade de Lisboa (2007-2011)

- *SEG – Segurança* (IT Security), BSc Computer Science   2008-2010
- *RC – Redes de Computadores* (Computer Networks), BSc Computer Science   2009
- *SD – Sistemas Distribuidos* (Distributed Systems), BSc Computer Science   2007-2010
- *ISC – Introdução aos Sistemas Computacionais* (Introduction to computer systems) , BSc Computer Science   2008-2009
- *CGS – Configuração e Gestão de Sistemas* (Configuration and management of systems), MSc Computer Science   2008-2009
- *SETR – Sistemas Embebidos e de Tempo* (Embedded and real time systems), MSc Computer Science   2008
- *SII – Sistemas Informáticos Industriais* (Industrial computer systems), Msc Computer Science   2007
- *PROG1 – Programação 1* (Programming), BSc Computer Science   2007