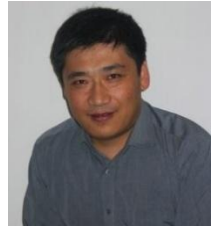


Short CV of Wang Yi (July 1, 2025)

Google scholar: <https://scholar.google.com/citations?user=ynjrUUAAAAJ&hl=sv>



Research Interests

- **AI/LLM-Assisted Systems Design and Programming, Safety of AI in general**
- **Design and Verification** of Embedded Systems, Cyber-Physical and Autonomous Systems

Qualifications

- Professor of Embedded Systems, Uppsala University, 2000 – present
- Ph.D. in Computing Science, Chalmers University of Technology, 1991

Current PhD Students

- Nikolau Huber (Programming languages and verification)
- Chengzi Huang (Design tools, AI-assisted design)
- Behnam Khodabandeloo (Code generation)
- Duc Anh Nguyen (Formal verification)

Former PhD Students (selected)

- Paul Pettersson, vice president (former president) of Mälardalen University
- Elena Fersman, head of AI, senior vice president of Ericsson
- Nan Guan, full professor, Hang Kong City University
- Pontus Eberg, associate professor, Uppsala University
- Anders Wall, principal scientist, ABB Corporate Research

Current Commissions of Trust (selected)

- Panel Member of Evaluation for INRIA, France 2024-2025
- ERC Panel Member (ERC Consolidator grants), 2022 – present
- Steering Committee Member of ESWEEK, 2006 – present
- Steering Committee Member (& co-chair) of EMSOFT, 2013 -- present
- Board Member, EMSIG Strategic Management Board, 2022 – present
- Board Member, ACM SIGBED (vice chair 2019-2021), 2016 – present
- Executive Committee Member of IEEE Tech. Comm. on RT Systems, 2022 – present

Current Grants and Projects (selected)

- PI of ERC CUSTOMER – Customizable Embedded Real-Time Systems. Funding level: 2,5 Million EUR, 2019-2024 (extended to 2028 due to COVID19)
- PI of KAW Designed for UPDATE – Next-Generation Embedded Systems. Funding level: 25 million SEK, 2021-2026
- PI of the UPPAAL project at Uppsala (initiated by Wang in 1993), which lead to over 30-year development of UPPAAL by Uppsala and Aalborg University

Awards and Honours

- Recipient of Rudbeck Medal for “Achievements in Science” 2022
- Recipient of KAW Grant (Knut and Alice Wallenberg Foundation) 2020
- Recipient of ERC Advanced Grant (European Research Council) 2019
- Recipient of IEEE TCRTS Award for outstanding technical achievements and leadership 2019
- Recipient of CAV Award for the development of UPPAAL 2013
- Recipient of Best Paper Award of ICSS 2022, RTSS 2017, RTSS 2015, ECRTS 2015, DATE 2013, RTSS 2009 & ETAPS 2002 (tool paper)
- Member/Fellow of Royal Society of Sciences, Uppsala, Sweden, elected 2017
- Member/Fellow of Academy of Europe (Academia Europaea), London, UK, elected 2015
- IEEE Fellow and ACM Fellow, elected 2013 & 2020