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Current Position

- Postdoctoral researcher at the University of Oulu, full-time, since January 2019,

Education

- Ph.D. in Electrical Engineering, Sharif University of Technology, Tehran, Iran, 2018
 - *Thesis title:* Partial Coded Caching in Information-Centric Networks.
- M.Sc. in Electrical Engineering, Sharif University of Technology, Tehran, Iran, 2012
 - *Thesis title:* Resource Sharing in Mobile Clouds.
- B.Sc. in Electrical Engineering, Sharif University of Technology, Tehran, Iran, 2010
 - *Thesis title:* Bit Error Rate Implementation Using Xilinx FPGA.

Research visits

- Prof. Giuseppe Caire, TU-Berlin, Germany, January-April 2023,
- Prof. Soheil Mohajer, University of Minnesota, USA, November 2022,
- Prof. Petros Elia, EURECOM, France, January-February 2022,
- Prof. Marcos Katz, University of Oulu, Finland, June-July 2012.

Linguistic Skills

- Persian (native), English (fluent), Finnish (intermediate), Azeri (intermediate).

Non-academic Professional Experience

- Co-founder, CEO, and Board member at Daric Pars, Tehran, Iran; April 2016 – January 2019
 - Daric Pars was a start-up company. Our main product was DaricPay, a comprehensive payment companion for international tourists. In Daric Pars, I led business negotiations with strategic partners, managed the company's growth, and supervised the technical development of DaricPay.
- Senior R&D Manager at ETICK Pars, Tehran, Iran; April 2014 – April 2016
 - Designing novel cryptographic schemes for secure payment solutions and NFC-based payment systems.
- Embedded Software Manager at ETICK Pars, Tehran, Iran; April 2011 – April 2014
 - Managing software development for payment solutions and fleet management in public transport systems.
- Embedded Software Developer at ETICK Pars, Tehran, Iran; January 2010 – April 2011
 - C++ developer, using Qt Framework on Embedded Linux.

Teaching Experience

- [Course] Cache-aided wireless communications, ITEE doctoral course, May 2024, University of Oulu,
- [Tutorial] Multi-antenna coded caching for enhanced wireless content delivery, IEEE WCNC 2022, IEEE EUCNC 2022, and IEEE IWCIT 2024,
- [TA] Coding for information networks, ITEE doctoral course, 2020, University of Oulu,
- [TA] Multiple TA positions at the Sharif University of Technology, Tehran, Iran, 2006-2015.

Academic Merits

- Recipient of the Jorma-Ollila grant from the Nokia Foundation, September 2021,
- Author/co-author of 8+ journal articles and 33+ conference papers,
- Ranked 60th (among more than 140k participants) in the Iranian national university entrance exam for engineering and mathematics education (BSc), 2006,
- Ranked 6th (among more than 900 participants) in the Iranian national university entrance exam for engineering and mathematics education (PhD), 2006.

Selected Publications

- [1]. Salehi, M., Hooli, K., Hulkkonen, J. and Tölli, A., 2023. Enhancing Next-Generation Extended Reality Applications with Coded Caching. *IEEE Open Journal of the Communications Society*.
- [2]. Salehi, M., Parrinello, E., Shariatpanahi, S.P., Elia, P. and Tölli, A., 2021. Low-complexity high-performance cyclic caching for large MISO systems. *IEEE Transactions on Wireless Communications*.
- [3]. Salehi, M., Motahari, S.A. and Khalaj, B.H., 2017. On the Optimality of 0–1 Data Placement in Cache Networks. *IEEE Transactions on Communications*.
- [4]. Mahmoodi, H.B., Salehi, M. and Tölli, A., 2024. Low-Complexity Multi-Antenna Coded Caching Using Location-Aware Placement Delivery Arrays. *IEEE Transactions on Wireless Communications*.
- [5]. Abolpour, M., Salehi, M. and Tölli, A., 2024. Cache-Aided Communications in MISO Networks with Dynamic User Behavior. *IEEE Transactions on Wireless Communications*.
- [6]. Abolpour, M., Salehi, M. and Tölli, A., 2024. Resource Allocation for Multi-Antenna Coded Caching Systems with Dynamic User Behavior. *IEEE Wireless Communications Letters*.
- [7]. Mahmoodi, H.B., Salehi, M. and Tölli, A., 2023. Multi-antenna Coded Caching for Location-Dependent Content Delivery. *IEEE Transactions on Wireless Communications*.
- [8]. Salehi, M., Naseri-Tehrani, M. and Tölli, A., 2023. Multicast beamformer design for MIMO coded caching systems. *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*.
- [9]. Salehi, M., Tölli, A. and Shariatpanahi, S.P., 2020. Coded Caching with Uneven Channels: A Quality of Experience Approach. *IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC)*.
- [10]. Salehi, M., Tölli, A., Shariatpanahi, S.P. and Kaleva, J., 2019. Subpacketization-Rate Trade-off in Multi-Antenna Coded Caching. *Global Communication Conference (GLOBECOM)*.