

Muhammad Farooqi
Doctoral Researcher
School common, ELEC
Department of Information and Communications Engineering
Internet technologies
Email: muhammad.farooqi@aalto.fi

Employment

Doctoral Student , School common, ELEC

Aalto University
19 Mar 2022 → present

Doctoral Researcher

Doctoral Researcher
Department of Information and Communications Engineering
Aalto University
15 Sept 2022 → present

Doctoral Researcher

Doctoral Researcher
Internet technologies
Aalto University
15 Sept 2022 → present

Research outputs

5G in the Air: Energy Efficient Future 5G High Altitude Platform Stations

Farooqi, M. Z., Laimio, J. & Manner, J., 23 Apr 2025, *2025 IEEE Conference on Technologies for Sustainability (SusTech)*. IEEE, p. 1-8 8 p. 11025605

Understanding and Mitigating Webpage Data Bloat: Causes and Preventive Measures

Saarinen, A., Farooqi, M. Z., Pärssinen, M. & Manner, J., 2025, In: *Energy informatics review*. 4, 5, p. 106–112 7 p.

Trust in 5G and beyond Networks

Benzaid, C., Taleb, T. & Farooqi, M. Z., 1 May 2021, In: *IEEE Network*. 35, 3, p. 212-222 11 p., 9360664.

Projects

MonB5G: Distributed management of Network Slices in beyond 5G

Taleb, T. (Principal investigator), Mada, B. (Project Member), Boukhalfa, M. (Project Member), Hireche, O. (Project Member), Shan, Y. (Project Member), Nait Abbou, A. (Project Member), Benzaid, C. (Project Member), Yu, H. (Project Member), Boudi, A. (Project Member), Kianpisheh, S. (Project Member), Nadir, Z. (Project Member) & Farooqi, M. (Project Member)
01/01/2020 → 31/10/2022

ICT for Climate actions: ICT for Climate actions

Manner, J. (Principal investigator), Nait Abbou, A. (Project Member), Pärssinen, M. (Project Member), Nadir, Z. (Project Member), Luomanen, J. (Project Member), Olvera Espinosa, C. (Project Member), Fu, Y. (Project Member), Wan, Y. (Project Member), Saarinen, A. (Project Member) & Farooqi, M. (Project Member)
01/02/2021 → 30/11/2024

INSPIRE-5Gplus: INtelligent Security and Pervasive tRust for 5G and Beyond

Taleb, T. (Principal investigator), Bao, J. (Project Member), Benzaid, C. (Project Member), Farooqi, M. (Project Member), Dang, Y. (Project Member), Hireche, O. (Project Member) & Boukhalfa, M. (Project Member)

01/11/2019 → 31/10/2022