Kuruluş: BTS Grup

Laboratuvar Adı: Otonom Ağlar ve Veri İnovasyon Laboratuvarı

Laboratuvar Yöneticisi Adı Soyadı: Prof. Dr. Berk Canberk

Laboratuvar Yöneticisi Kısa Özgeçmişi:

Eğitim Bilgileri;
Elektrik Mühendisliği, İstanbul Teknik Üniversitesi
Yüksek Lisans, Chalmers University of Technology
Bilgisayar bilimleri (dr), İstanbul Teknik Üniversitesi

Odak Alanları;
AI enabled Network Automation,
Software Defined Networks Digital Twins,
IoT Networks,
Drone and Aeronautical Networks Management,
6G Network Systems

Tecrübe;
Professor, Artificial Intelligence and Data Eng., Istanbul Technical University (ITU) (2021-)
Professor, School of Computing, Eng. and Built Envr., Edinburgh Napier University (ENU), UK (2022-)
Adjunct Professor, ECE, Northeastern University (2016- 2021)
Adjunct Professor, School of Electronics and Computer Sci., Queen's University Belfast, UK (2015-2016)
Associate Professor, Computer Eng., ITU, 2016- 2021
Post-Doctoral Fellow, Georgia Institute of Tehnology, USA, (2011-2013)
Founding Executive Board Member Research Centre for Cybersecurity, IoT and Cyberphysical (CIC), ENU (2022-)
Center for Mind & Creativity Research, ENU (2022-)
Founding Director, Artificial Intelligence and Data Science Research Center, ITU (2020-)
Vice Dean for Research Affairs, Faculty of Computer and Informatics Eng., ITU (2019-2022)
IEEE Senior Member, ACM & IET Member Scientific Editor in IEEE Transactions on Vehicular Technology (Q1) (2013-)
Elsevier Computer Communications (Q1) (2017-)
Elsevier Computer Networks (Q1) (2012-)

Son Projeleri;
-Scalable and Trustful Crowdsourcing of Air Pollution Sensings, The Royal Society Research Collaboration University of York.
-A Cross-Layer Modeling and Design for Software-Defined 5G Networks in Smart Cities, Royal Academy of Engineering (UK) NEWTON Research Collaboration Queen's University Belfast.
-APP2SCALE, AI-based Auto-scaling and Tuning: A Paradigm Shift in Cloud Application Management, EU EUROSTARS (TR: ITUAI Center, Payten, Turkcell, B2MEtric; SP: Frizbit, Tyris AI).