# IT pääaine => Comnet laitoksen diplomitöitä 2020 – 2021

sinisellä: 5G mainittu tiivistelmässä, punaisella: teknoekonomiset aiheet

- Challenges in testing 5G live network
- High Dimensional Covariance Matrix Estimators for Sounding Reference Signals based Channel Estimates in massive MIMO systems
- The Design and Implementation of IoT Device Management System
- Industrial Automation Protocols over Cellular Networks
- Automated Analysis of Antenna Data in 5G New Radio Uplink
- Techno-Economic Analysis of Wireless Connectivity Options in a University Campus
- The impact of 5G technology on Industrial IoT ecosystem
- Designing and prototyping of automated SSH key infrastructure reporting service
- Sähköasemien kyberturvallisuuden parantaminen
- Session Migration in Edge Cloud
- Wireless Localization in Narrowband-IoT Networks
- Design and Implementation of Energy Efficient Narrowband IoT Sensor Platform
- Estimation of the Direction of Arrival of Sounding Reference Signal with Neural Networks
- Millimeter Wave Multi-radar Testbed