

## **Beyond 5G/6G KPIs and target values : Version 1.0-June 2022**

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## **Distributed signal processing in cognitive radio networks = Hajutatud signaalitöötlus kognitiivse raadio võrgus**

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## **Heuristic radio access network subslicing with user clustering and bandwidth subpartitioning**

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## **Interference-aware radio resource allocation for 5G ultra-reliable low-latency communication**

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## **Management closed control loop automation for improved RAN slice performance by subslicing**

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## **Management closed control loop automation for improved RAN slice performance by subslicing : preprint**

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## **Narrowband internet of things (NB-IoT) : from physical (PHY) and media access control (MAC) layers perspectives**

Mwakwata, Collins Burton; Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Mumtaz, Shahid Sensors 2019 / art. 2613, 34 p. : ill <https://doi.org/10.3390/s19112613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Narrowband Internet of Things (NB-IoT) : from physical (PHY) and Media Access Control (MAC) layers perspectives : [an article in collection]**

Mwakwata, Collins Burton; Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Mumtaz, Shahid Internet of things and sensors networks in 5G wireless communications 2020 / p. 39-72 : ill <https://doi.org/10.3390/books978-3-03928-149-7> <https://doi.org/10.3390/s19112613>

## **Narrowband internet of things (NB-IoT) : from radio network coverage to device energy consumption modeling and energy-efficient application = Kitsaribaline asjade internet (NB-IoT) : raadiovõrgu katvusest seadme energiatarbe modelleerimise ja energiasäästliku rakenduseni**

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## **Predictive machine learning analysis for reliable D2D discovery in 6G critical communications**

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**Raadiojuurdepääsu võrguviilu alamviilutamine suletud juhtimisahelas**

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## **Rahvusvaheline elektrotehnika sõnastik. Osa 713, Raadioside : saatjad, vastuvõtjad, võrgud ja ekspluatatsioon**

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## **Rahvusvaheline elektrotehnika sõnastik. Osa 713, Raadioside: saatjad, vastuvõtjad, võrgud ja ekspluatatsioon**

**[Võrguteavik] = International Electrotechnical Vocabulary. Chapter 713, Radiocommunication: transmitters, receivers, networks and operation (IEC 60050-713:1998+IEC 60050-713:1998/Amd 1:2016+IEC 60050-713:1998/Amd 2:2017)**

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## **Reconfigurable intelligent surfaces in 6G radio localization: A survey of recent developments, opportunities, and challenges**

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## **Scheduling in radio resource management for massive machine-type communications = Raadioressursside planeerimine massiivse masin-masin tüüpi kommunikatsiooni korral**

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**TalTechis hakatakse testima 6G võrku. Margus Rohtla: „Oleks vaid minu õpingute ajal sellised võimalused olnud!“**

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**Teadlased: praegune 5G on sama ohtlik kui wifi. Tulevikus võib olla teisiti : Riigikogu sotsiaalkomisjon hakkab homme arutama juba teist rahvaalgatust, mis üritab tõrjuda 5G-d**

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**Towards optimal placement and runtime migration of time-sensitive services of connected and automated vehicles**

**Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick;** Reggiani, Luca; Azeem, Muhammad Moazam; Taleb, Tarik; **Alam, Muhammad Mahtab** IEEE Open Journal of Vehicular Technology 2024 / p. 13-33 <https://doi.org/10.1109/OJVT.2024.3496583>