

### **Enhanced decision mechanism for RAN subslicing in management closed control loop**

**Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab** 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 175-181 : ill <https://doi.org/10.1109/FMEC59375.2023.10306223>

### **Experiences of teaching complicated undergraduate course for large number of students in the Tallinn University of Technology**

**Rokk, Indrek; Kulmar, Marika; Ots, Avo; Lossmann, Eerik** Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 6, 119-122 <https://eejournal.ktu.lt/index.php/elt/article/view/9373>

### **Experimental validation and field trials of 5G cross-border connectivity**

**Elgarhy, Osama Mohamed Mostafa; Kulmar, Marika; Roosipuu, Priit; Rohtla, Margus; Le Moullec, Yannick; Körbe Kaare, Kati; Sadam, Arvi; Scholliers, Johan; Alam, Muhammad Mahtab** 2024 IEEE Future Networks World Forum (FNWF) 2024 / p. 57-62 <https://doi.org/10.1109/FNWF63303.2024.11028794>

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

**Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab** Sensors 2023 / art. 4613 : ill <https://doi.org/10.3390/s23104613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The Impact of RAN slice bandwidth subpartitioning on slice performance**

**Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab** 2022 International Wireless Communications and Mobile Computing (IWCMC) 2022 / p. 419-424 <https://doi.org/10.1109/IWCMC55113.2022.9825262>

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

**Kulmar, Marika; Alam, Muhammad Mahtab; Mürsepp, Ivo** IEEE Access 2024 / p. 103082-103095 <https://doi.org/10.1109/ACCESS.2024.3433475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article WOS](#)

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

**Kulmar, Marika; Alam, Muhammad Mahtab; Mürsepp, Ivo** techrxiv.org 2023 / 18 p. : ill <https://doi.org/10.36227/techrxiv.170290948.88447519/v1>

### **Multimeedia ülekanne piiratud ressurside puhul**

**Kulmar, Marika** Telekommunikatsioon 2002 : IX rahvusvahelise telekommunikatsioonipäeva materjalid 2002 / lk. 36-45 : ill

### **Performance evaluation of 5G-NR positioning accuracy using time difference of arrival method**

**Mürsepp, Ivo; Kulmar, Marika; Elgarhy, Osama Mohamed Mostafa; Alam, Muhammad Mahtab; Chen, Tao; Horsmanheimo, Seppo; Scholliers, Johan** 2021 IEEE International Mediterranean Conference on Communications and Networking (MeditCom) : Athens, Greece, 7-10 Sept. 2021 / p. 494-499 : ill <https://doi.org/10.1109/MeditCom49071.2021.9647652>

### **Radio access network subslicing in closed control loop for improved slice performance management =**

#### **Raadiojuurdepääsu võrguviilu alamviilutamise suletud juhtimisahelas**

**Kulmar, Marika** 2024 <https://doi.org/10.23658/taltech.2/2024> <https://digikogu.taltech.ee/et/Item/38b22df5-0884-4c20-941e-2562491879e5> [https://www.ester.ee/record=b5649442\\*est](https://www.ester.ee/record=b5649442*est)

### **Teenuse kvaliteet WLAN-võrkudes**

**Kulmar, Marika** Elektroonika 2004 : XI rahvusvahelise telekommunikatsioonipäeva materjalid 2004 / lk. 138-150 : ill [https://www.ester.ee/record=b1910557\\*est](https://www.ester.ee/record=b1910557*est)

### **Testing and implementation of mobile services for packet-based networks**

**Kulmar, Marika; Ots, Avo; Tomingas, Peep** Baltic ITAMPT review 2002 / 3, p. 32-34 : ill [https://artiklid.elnet.ee/record=b2024795\\*est](https://artiklid.elnet.ee/record=b2024795*est)

### **WAPi ja GPRS-i koostöö**

**Kulmar, Marika** Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 36-41 : ill