

**Active-passive two-way ranging protocol for positioning systems = Aktiv-passiivne kauguste mõõtmise protokoll positsioneerimissüsteemidele**

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**Active-passive two-way ranging using UWB**

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**Adaptive Extended Kalman Filter position estimation based on Ultra-Wideband Active-Passive Ranging Protocol**

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**Aerial base station assisted cellular communication : performance and trade-off**

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**Applying RIS-based communication for collaborative computing in a swarm of drones**

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**Body-to-Body communication : applications, system design aspects and performance evaluation**

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**Cooperative scheduler to enhance massive connectivity in 5G and beyond by minimizing interference in OMA and NOMA**

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**Development, implementation and field trial of 5G integrated GNSS-RTK positioning in cross-border settings**

**Elgarhy, Osama; Rohtla, Margus; Ait, Indur; Roosipuu, Priit; Kõrbe Kaare, Kati; Sadam, Arvi; Kallaspoolik, Toomas; Alam, Muhammad Mahtab** 2024 IEEE Future Networks World Forum (FNWF) 2025 / p. 791-796 <https://doi.org/10.1109/FNWF63303.2024.11028789>

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**A DRL strategy for optimal resource allocation along with 3D trajectory dynamics in UAV-MEC network**

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**A machine learning approach to achieving energy efficiency in relay-assisted LTE-a downlink system**

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