

A deep learning approach for LoS/NLoS identification via PRACH in UAV-assisted public safety networks

Scazzoli, Davide; Magarini, Maurizio; Reggiani, Luca; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** 2020 IEEE 31st Annual International Symposium on Personal, Indoor and Mobile Radio Communications, August 31 - September 3, 2020 in London, United Kingdom : proceedings 2020 / 6 p <https://doi.org/10.1109/PIMRC48278.2020.9217127>

DeepHLS: A complete toolchain for automatic synthesis of deep neural networks to FPGA

Riazati, Mohammad; **Daneshtalab, Masoud**; Sjodin, Mikael; Lisper, Bjorn ICECS 2020 - 27th IEEE International Conference on Electronics, Circuits and Systems, November 23-25, 2020, Virtual Conference : Proceedings 2020 / 4 p <https://doi.org/10.1109/ICECS49266.2020.9294881>

Generative adversarial network and CNN-LSTM based short-term power load forecasting

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Sensor-location-specific joint acquisition of peripheral artery bioimpedance and photoplethysmogram for wearable applications

Metshein, Margus; **Abdullayev, Anar**; Gautier, Antoine; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; **Annus, Paul**; **Land, Raul**; **Märtens, Olev** Sensors 2023 / art. 7111 <https://doi.org/10.3390/s23167111>