SAAN – Self Adaptiveness in Access Networks

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5G Awareness Meeting

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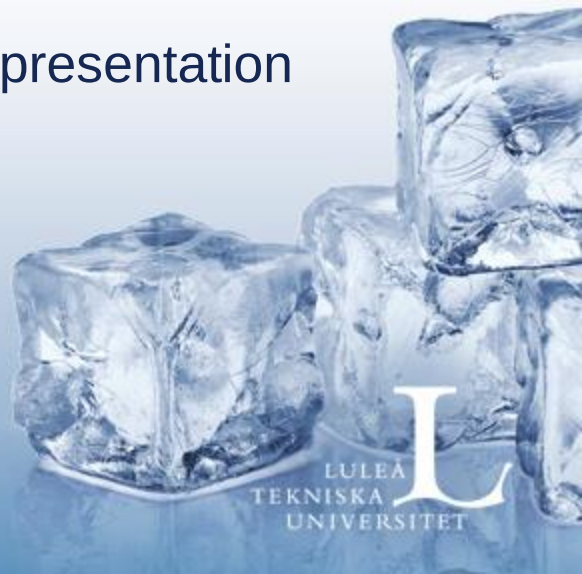
Proposed Research

- Combining measurements from a mobile phone device with network data to study and improve SON (self-organizing networks) features and other functions needed in a heterogeneous network deployment scenario
- Correlate massive data collection from different nodes using machine learning and data mining techniques
- Heterogeneous access networks based on cellular technologies and Wi-Fi focused

Operator Contribution and Benefits

- Contribution

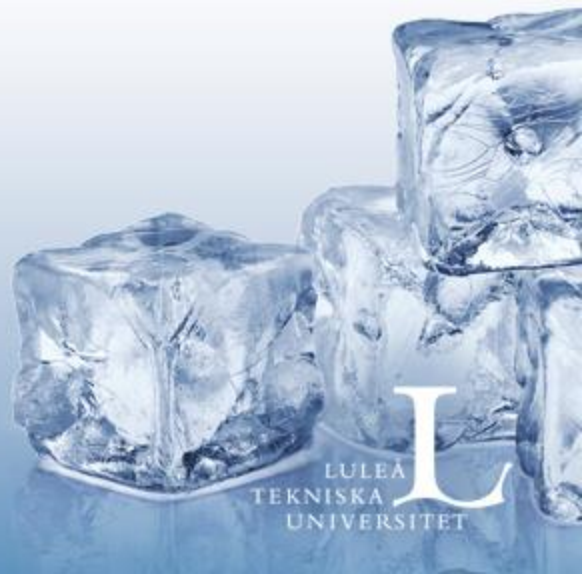
- Provide data from a heterogeneous network based on LTE and/or WiFi
- Network recordings and drivetest, either from a
  - test-network
  - live-network
  - and/or simulated network
- Involved in algorithm development, analysis and presentation
- Prototyping



Operator Contribution and Benefits

- Benefits

- Influence research content
- Testbed to evaluate self organizing network
  - (SON) features from an end user perspective
- Access to existing wireless network testing tools in research phase



Interested?

- Contact

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