Master Thesis – Test Confidence in Large Scale Development

Background
Mobile networks are used all over the world and are the corner stone for the networked society, where everything shall be connected. To support the vast amount and diversity of data expected in future networks, Ericsson are developing products to drive and support the networked society.

The subjects for this Master Thesis are to investigate and develop algorithms, architecture, tools etc. to support huge increase of speech, data and massive IoT for Radio Access Networks.

Thesis Description
In a large scale development there are several test loops for different modules and with different scope. There is a need to define a way to measure the combined test confidence from a variety of test activities.

Task
Investigate and evaluate methods and tools for combined test confidence in large scale development.
The thesis will be concluded with a result presentation for the Ericsson team.

Qualifications
This project aims at students in electrical engineering, computer science, computer engineering or similar.

Extent
1-2 students, 30hp each

Location
Ericsson AB Mjärdevi, Linköping

Preferred Starting Date
Spring 2021