

# Diploma Projects Program

Are you interested in having your Diploma Project with Continental?

Find below some suggestions from our side or come up with your own idea.

## ▶ Stack consumption analysis tool

Development of a tool that analyses the executable code that has to run on a uC and determines what is the maximum stack usage of that executable.

## ▶ Real Time OS for multi-core uC

Development of a real time OS that has a small number of features, but that is able to run tasks on 2 cores.

## ▶ Sensor Cluster

The device will be part of the TCU and will process the signals from all the sensors and deliver it to the main microcontroller via a high speed serial interface and besides will supervise the good functioning of the sensors

## ▶ Sensor tester for TCU:

The system will be designed and implemented alongside with Sensor Cluster (see above)

## ▶ Measuring receiver and spectrum analyzer for the EMC laboratory:

The device will measure the level of RF field on a 10 KHz to 3 GHz range and plot it's the spectral components

Contact us and Drive your Diploma Project with Continental!



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# Continental

