

## Assignment for Software System Engineering

Requirements Engineering plays a very important role when developing automotive software. The goal of this assignment is to get acquainted with the “latest” developments on requirements engineering in the field of automotive. Via my web page:

<http://www.win.tue.nl/~mvdbrand/courses/se/0809/> you can download the following three papers:

- “Requirements Engineering in Automotive Development --- Experiences and Challenges” by Matthias Weber and Joachim Weisbrod, RE’02, IEEE, 2002.
- “Experiences in Managing an Automotive Requirements Engineering Process” by Nadine Heumesseer and Frank Houdek, RE’04, IEEE, 2004.
- “A Context-Driven Use Case Creation Process for Specifying Automotive Driver Assistance Systems” by Hannes Omasreiter and Eduard Metzker, RE’04, IEEE, 2004.

Write individually a short paper (min. 5 pages, 12pt) where you summarize and discuss these 3 papers. Of course, you are allowed to use other papers and books; this will increase your mark considerably. If you use extra material, please add a bibliography.

**Hand-in:** 22<sup>nd</sup> of September 2008.