

Safety and Reliability of Embedded Systems (WS 12/13)

Training in Fault Trees, Markov Processes and State/Event Fault Trees

Thursday, January 17th, 2013

To increase your skills in fault tree and Markov Modeling the Software Engineering Department is organizing a training program in developing fault trees within the VirForES Project. This training could be used as an additional preparation for the exam of the SRES lecture. Further it is the first part of an experiment that is scheduled for the 24th of January. In this training you will learn how to combine different safety and reliability modeling techniques (fault trees and Markov processes). Additionally you'll learn a new methodology for safety engineering, called State/Event Fault Trees (SEFTs). This knowledge is necessary if you would like to participate in the experiment later (24.01.). In this experiment you could apply your newly acquired skills on a real system directly from the industry. So you can learn how to apply your theoretical knowledge to real-world problems.

In complete the training will take 1 hour.

No preparation is necessary.