

1st EURELIA Workshop @ ESREF 2010

Call for contributions EuReliA Workshop - European Reliability in Automotive workshop

The increasing complexity of the electronic systems used in the automotive applications requires very challenging efforts to ensure the needed reliability and safety standards typical of such field. Extreme operating temperatures, thermal cycling, vibrations, etc. make the automotive one a very harsh application, and costs must be highly kept down to ensure the required competitiveness.

The **EuReliA** workshop is aimed to evidence and discuss the status of the research in the field, including power electronics devices and systems, analog and digital electronics and sensors.

In order to introduce this topic at this **EuReliA** workshop, we are looking for papers and "discussion opening"-contributions.

Contributors are encouraged to outline the basic topics involving the reliability of all the electronic systems used in automotive applications, the different approaches in studying these problems with regards power electronics devices and systems, analog and digital electronics and sensors; to ask questions of fundamental significance to the experts; and to introduce useful or new methods specifically developed for the automotive applications. Also for consideration are experiences with inconclusive or incomplete approaches used to study reliability aspects in the automotive environment, as they are often useful for other attendees who will learn more about the limitations of new proposed approaches to the reliability analysis and tests.

Contributions should support a short, 10-15 min presentation and encourage following discussions with as well as within the audience. Within this scope, controversial standpoints outlining and provoking debates on the subject are welcome!

Please mail your brief summary by **August 31, 2010** to esref2010@unicas.it .

1st EuReliA Workshop location and date

The European workshop on "**Reliability in Automotive**" will be held on Wednesday, October 13 from 16:00 to 17:30 a.m. during ESREF 2010, the 21st European Symposium on Reliability of Electron Devices, Failure Physics and Analysis, October 2010 11th - 15th at Monte Cassino Abbey and Gaeta - Italy (<http://www.esref2010.unicas.it>).