



Cristina Johansson

PSAM12 Speaker Bio

On the use of qualitative methods for Common Cause Analysis: Zonal and Common Mode Analysis

Short Statement: First author

BIOGRAPHY

After the university degree in electrical engineering (1996) and a master degree in reliability and system safety, I've worked for 3 years with system reliability questions and studies for electrical distribution network in Romania. 1999 I've moved to Sweden.

Between 2000 and 2007 I've worked as a consultant for a Swedish company (LinPro AB), specialized in modernization of power plants. I conducted different studies in both reliability and system safety for different types of technical systems as well as training.

Since 2007 I work as a system safety engineer at Saab Aeronautics. I work with different types of analysis within system safety for aerial vehicles such as UAV, military aircrafts and civil aircrafts, both at the aircraft level and sub-system level. I also have experience of working with system safety in international projects.



I'm an industrial Phd student at Linköping University, Division of Machine Design since 2010. 2013, I defended my licentiate thesis (half way to Phd) with the title "On System Safety and Reliability Methods in Early Design Phases. Cost focused optimization applied on aircraft systems".