ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to the Presentation about the Workplacement

Johannes Schmucker, BSc
Universität Klagenfurt

“Discriminating between Lifetime Distributions”

S.0.05 Monday, 23 September 2024 10:30 a.m.

Abstract
Discriminating between lifetime distributions is an important question in failure analysis and of active research interest. It is about choosing the right lifetime distribution for a given sample of failure or survival times. Especially in semiconductor industry, like for example for Infineon Technologies, where I did my internship, this sample is usually rather small, which makes it hard to choose the "true” distribution. Typical and frequently used examples of such distributions include the Weibull, the lognormal and the log-logistic distribution. In this talk we will give a brief introduction to failure analysis/ reliability theory and discuss methods for answering this question.

Roswitha Rissner and the Department of Mathematics look forward to seeing you at the talk!