

Failure Analysis Challenges in Semiconductor Industry

Failure Analysis is one of the key activities and branches of Semiconductor Industry since it provides a thorough and complete understanding of the process deviations and failure mechanisms that can depress product yield. For that reason, Failure Analysis (FA) is essential to a proficient integrated circuits construction environment.

In this presentation a short overview of the whole FA process, techniques and strategies will be offered, and the audience will be subsequently exposed to some real cases taken from daily practice and that can represent good examples of some typical challenges and obstacles that need to be overcome for a successful conclusion of the overall analytical work.