



### Training N°1 : Qualification of semiconductor devices

Qualification is often simply considered as a list of Go/NoGo reliability stresses defined through identified standards, but it is much more than that.  
This training will provide a global view of the main available qualification standards, but will also remind the key principles and objectives to consider when qualifying a device.  
Some case study will also allow trainee to build a proactive approach when dealing with component qualification.

**Place :** Presto Eng. site (Caen, France)

**Duration :** ½ day (3h30)  
**Price :** 600 €/per trainee

**Dates :**  
English session : May/19/2014 PM

**Place :** Customer site

**Duration :** ½ day (3h30)  
**Price :** 2000 € (maximum 8 trainees)

**Dates :** Request

### Training N°2 : ESD / Latch-up & EOS

This training will provide an understanding of the main ESD models, and will give the key to set a relevant ESD robustness characterization. It will also introduce the concept of EOS event characterization which is, still today, one of the major cause for system failures.  
The '1day practice' session will allow the trainee to exercise on our test systems.

**Place :** Presto Eng. site (Caen, France)

**Duration :** 1 day (cours + practice)  
**Price :** 1400 €/per trainee

**Dates :**  
English session : May/20/2014

**Place :** Customer site

**Duration :** ½ day (cours)  
**Price :** 2000 € (maximum 8 trainees)

**Dates :** Request

### Training N°3 : Component reliability

This session will bring an understanding of the main failure modes and associated reliability techniques and stresses identified over major standards.  
It will provide trainee with a global knowledge of main reliability risks and relevant reliability tests (both package and die oriented).

**Place :** Presto Eng. site (Caen, France)

**Duration :** 1 day  
**Price :** 1200 €/per trainee

**Dates :**  
English session : May/21/2014

**Place :** Customer site

**Duration :** 1 day  
**Price :** 3600 € (maximum 8 trainees)

**Dates :** Request

### Training N°4 : Failure Analysis

This training will provide a practical knowledge of all standard F.A. techniques, and will allow to make the appropriate link between electrical signature and F.A. techniques to be used.  
The '1day practice' session will allow the trainee to exercise directly in our Lab. environment.  
Each trainee will have the possibility to focus on 1 or 2 specific techniques / equipments.

**Place :** Presto Eng. Site (Caen, France)

**Lecture**  
**Duration :** 1 day  
**Price :** 1200 €/per trainee

**Dates :**  
English session : May/22/2014

**Practice**  
**Duration :** 1/2 day  
**Price :** 1000 €/per trainee

**Dates :**  
English session : May/23/2014 AM

**Place :** Customer site

**Duration :** 1 day  
**Price :** 3600 € (maximum 8 trainees)

**Dates :** Request

### Training N°5 : Quality and component reliability

This session includes trainings n°1 to 4, and provides a comprehensive overview of techniques and tools for quality / reliability used in the world of microelectronics.

**Place :** Presto Eng. site (Caen, France)

**Duration :** 4 days ( lecture + practice)  
**Price :** 3200 €/ per trainee

**Dates :** English Session : May/19/2014 to May/23/2014 AM