



**Non Destructive
Testing**
Simulation and
Methodology



CIVA News > November 2012

Publications available on EXTENDE's website



EXTENDE has decided to include a publication section to its website, in which you will find articles and presentations, related to models and applications of the CIVA Software. We kindly invite you to visit [our website](#) to discover this new section. We would be happy that you share your work with us. Do not hesitate to [contact us](#).

Towards CIVA 11



CIVA 10 aimed at being easier to use, more realistic, more powerful and always remaining an expert tool.

CIVA 11 will keep on improving those attributes, and will include many new features for all techniques, while keeping CIVA user oriented. To have a rough idea on what CIVA 11 will include, visit the [CEA webpage](#). More information will be delivered in the coming weeks. The release of this new version should happen on the first quarter of 2013.

CEA's website dedicated to CIVA



The NDT department of the CEA has a new website and new facilities. If you want to know more about CIVA and the next NDT developments, please, visit [this webpage](#). The new address is:

CEA SACLAY
DIGITEO Labs
DISC – Bat 565 - PC120
91191 GIF SUR YVETTE CEDEX.

Training sessions in 2013

The schedule of the 2013 training sessions has been finalized. You can find it on page 16 of the [new catalog](#), available on [our training webpage](#).

[Contact us](#) as soon as possible to book the session(s) you are interested in.

Kindly note as well that in 2012, the last training session



dedicated to the UT module will take place **from the 17th to the 20th of December**, in our facilities in Massy, France.

EXTENDE committing for a change



EXTENDE supports the [ten universally accepted principles](#) of the United Nations. We are engaging ourselves in the field of human rights, labour, environment and anti-corruption. We want to do our best to ensure reliability to our clients, partners and providers.

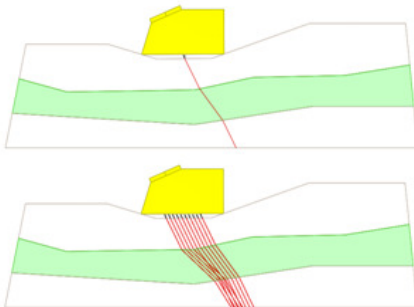
Through our business, we can encourage social initiative, which is the reason why we decided to sign the [UN Global Compact](#)

ASNT Fall conference 2012



Like every year, EXTENDE and EXTENDE Inc. attended the ASNT fall conference in the USA. This year, this event took place in Orlando, Florida, from October 29th to November 1st. We were happy to welcome some of you in our booth. EXTENDE was also involved in two publications: the first one was presented by Mr N. Dominguez (CEA) and co-written with Mr F. Jenson (CEA) and Mr P. Dubois (EXTENDE), dealing with "[The benefits of using simulation in a framework of performance demonstration](#)" (qualification, POD, etc.). The second one was presented by Mr Fabrice Foucher (EXTENDE) and was co-written with TOTAL, in the framework of a study on the "[Validation of the simulation of pipeline girth welds PA UT inspections](#)".

About Pencil method and Ray tracing



In CIVA, unlike in other NDT simulation softwares, the ray tracing is only used to help displaying the results, while the computation relies on the pencil method.

In CIVA UT results, the rays are displayed from the center of the probe to the specimen, according to the local properties at interfaces. For a better understanding of the propagation, it is possible to display a beam of rays. ([Read more...](#))

We wish you some very good holidays!

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