



**Non Destructive  
Testing**  
Simulation and  
Methodology



CIVA News > November 2015s



## A new product dedicated to Education



[CIVA Education](#) is now available!

This simplified version of the NDT simulation software “CIVA”, is the ultimate tool to help you teach the “physics behind NDT” to your students and trainees efficiently and at a low cost.

Its simple and interactive interface makes it easy to highlight the main phenomena and understand typical NDT results in a visual, realistic and comprehensive environment. Do not hesitate to contact us for more information about this new product.

## Interview: Mr. Jiang YUNXI



Mr. **Jiang Yunxi**, from MATRIX is the exclusive distributor of CIVA software in China. He accepted to answer some of our question about the NDT market in China and its activities.

**Can you let us know how the NDT market is in China?**  
MatrixNDT is a company that supports ONE STOP Service on the Chinese NDT market. We share the high level inspection services here in China, including production, technology and goods, and we hope to be leaders in the improvement of NDT. We have all kinds of production, including simulation software and inspection equipment and systems. [...] [Read more](#).

## FAQ EXTENDE



Since the transfer of the CIVA support platform to [HelpDesk](#), CIVA customers under maintenance have easy access to their questions history. New support tickets can be generated by sending an email to [supportciva\[at\]extende.com](mailto:supportciva[at]extende.com) but can also be directly created in the HelpDesk interface, which allows larger files to be attached.

Another advantage of this interface is the access to FAQs. From the « Search solution » menu, FAQs can be sorted by module and keywords.

## Validation cases in UT and ET

You will find in our website new available CIVA validation cases dealing with:



- The UT module: [validation results of multiskip echoes](#)
- The ET module: [validation results of tube inspections](#)

Have a look at [our website](#) to read more about it.

## Training catalogue



The list of our CIVA inter-company training courses in 2016 is now available on [our website](#). We propose you some sessions:

- in Massy, France
- in Genoble, France
- or in Malta, New York, USA

Consult our [training catalogue 2016](#) now available. We also propose some dedicated training sessions. They are usually organized in your premises but can also be organized in ours. The program is the same but also can be more or less adapted to your personal needs. With such a session, you can register from 1 up to 6 people.

## Global compact

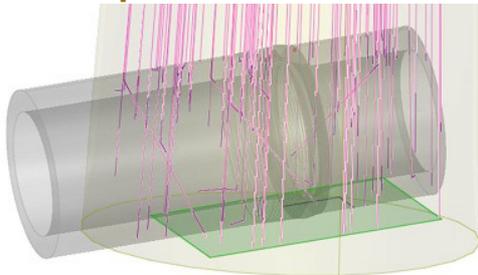


Network France  
WE SUPPORT

The commitment to the Global Compact is an initiative born of management, but it has very quickly brought the enthusiasm of the company's employees. The aim was to engage the company in a process of social responsibility but also to attract new talents by promoting corporate ethics by emphasizing its commitment to social causes. For EXTENDE, respect of others, of their values and environment are synonymous with modernity and pride for the entire team.

In October 2012, just two years after its creation, EXTENDE embarked on the adventure. This commitment has allowed us to formalize an already present mindset in our structure, respect for otherness and values of responsibility towards employees, customers and the environment. [...] [Read more](#).

## CIVA Tip: Photons count estimator



One of the most complex parameters to define in the RT and CT modules of CIVA is the number of photons that are used for the Monte-Carlo modelling algorithm. This number must be high enough to get a relevant and realistic result (as for other statistical models, it requires a significant number of photons to be computed to obtain reliable results), but too many photons will make the computation time prohibitive.

This number of photons to be modelled depends mainly of the following parameters: [...] [Read more](#).



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