



CIVA News > November 2013

First Patch available for CIVA 11



The first patch has been released for all CIVA 11 users. We hope that you have successfully downloaded and installed it. This patch is available only if the CIVA 11.0 version is already installed. Do not hesitate to contact us for any information related to this patch at contact@extende.com.

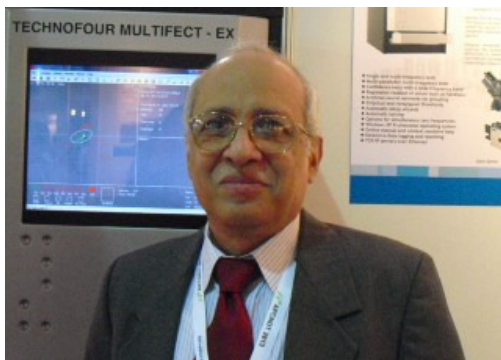
Training Catalog of CIVA



The training catalog for 2014 has been uploaded on our website. [Have a look at it](#) to know when the next inter-company training sessions will be organized. The next sessions in our premises, close to Paris, will be:

- November, 18th-22nd 2013 (CIVA UT, GWT)
- February, 5th-6th 2014 (CIVA ET)
- February, 10th-14th 2014 (CIVA UT, A2D)
- March, 18th-19th 2014 (CIVA RT, CT)
- March, 25th-26th 2014 (CIVA 11-New UT features)
- April, 8th-9th 2014 (CIVA GWT)
- September, 22nd-26th 2014 (CIVA UT, RT)
- November, 17th-21st 2014 (CIVA UT, GWT)

Interview



Established in the year 1972, at Pune (Maharashtra, India), [TECHNOFOUR](#) is engaged in manufacturing, importing, exporting and supplying a comprehensive assortment of Industrial NDT Products. We met Mr. Uday Godbole during the APCNDT conference (Asia Pacific Conference of NDT), and he kindly accepted to answer some of our questions.

Mr. Godbole, can you tell us what is your role at Technofour?

I am the founder and director of the company. I am in charge of all of R&D... [Read more](#).

The Symposium on Structural Health Monitoring and Non-Destructive Testing



The aim of the Symposium is to provide an overview on the latest breakthroughs in SHM and NDT and their interactions with various industrial fields. It comprises a series of invited lectures given by internationally acknowledged experts/researchers in the field. Do not hesitate to visit [the website](#) dedicated to this event.

It will take place on the 29th of November 2013, in the premises of INSA Lyon.

A provisional program of the event is available under [this link](#), along with abstracts.

Experimental study presented at the ICNDE

cea EXPERIMENTAL VALIDATION OF CIVA UT PREDICTIONS
TOFD INSPECTION

Long term validation work undertaken for 3 years by the CEA-LIST with EXTENDE

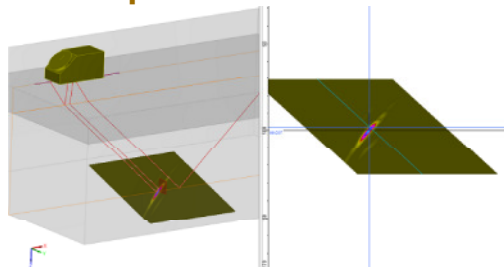
- **Pulse echo inspections**
 - monolement and phased array probes
 - reference reflectors (Side Drilled Holes and Flat Bottom Holes)
 - corner echoes from notches
 - echoes from the specimen geometry...
- **TOFD inspections** with monolement probes
 - Side Drilled Holes
 - **now, notch edge diffraction echoes**
- Results are made available on the **EXTENDE web site**

EXTENDE NON-DESTRUCTIVE-EVALUATION
CIVA

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Numerical modelling is nowadays currently used in inspection qualification process. The simulation enables to investigate a much wider range of complex cases than that obtained using only measurements. In this context the validation of the models and codes is of great importance. You can read under [this link](#) an article written in collaboration between the CEA and EXTENDE, entitled "Experimental study for the validation of CIVA predictions in TOFD inspections", and see the PowerPoint of the presentation under [this link](#), or on [our website](#).

CIVA tip: Data reconstruction comparable to your acquisition image



Attention! This new feature, available in CIVA 11, potentially allows great things! When you perform a simulation with CIVA, the model (geometry and material of the test piece, probe, flaw, etc.) is as close as possible to the actual configuration. For example, if you describe a component with an anisotropic cladding, you define the test piece with the two layers and you take care to define the anisotropic properties of the cladding. Once the calculation is done, ... [Read more](#).

Credit photo: [Photos Libres](#)



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