



**Non Destructive Testing
Simulation and Methodology**



EXTENDE News - September 2018



SHM NDT Conference



We are pleased to inform you that we will present CIVA NDT simulation software and our solutions for NDT during the upcoming [International Symposium on Structural Health Monitoring and Nondestructive Testing](#), the 4th and 5th October 2018 in Saarbrücken, Germany.

If you want to learn more about the [capabilities of CIVA simulation](#) and how it can help improve your [NDT processes](#), come and visit our booth!

Training on reliability in NDE



For NDE inspections, to apply a standard is often not enough. To evaluate the reliability shall then be considered. You want to know more about this field, to understand existing methodologies and reference documents on this subject? You want to discover some tools that will greatly help you to do the job in a cost-efficient way?

Join us for our new training session on this topic! This training has been developed in partnership with [PHIMECA](#) and [CEA](#). Sessions are planned on:

- 10th to 12th December 2018 (in French 🇫🇷)
- 9th to 11th April 2019 (in English 🇬🇧🇺🇸)
- 15th to 17th October 2019 (in French 🇫🇷)

More information on our [website](#), [training catalog](#) and [blog](#).

Training sessions in 2019



You are interested in building a CIVA simulation configuration autonomously? Obtaining sufficient knowledge of the calculation models to have a clear idea of the capabilities and limits of CIVA? Or simply updating yourself on the latest version of our simulation and analysis tool?

Then have a look at the training courses catalog for 2019 available on our [website](#)!

CIVA SP3 Patch

Soon, the SP3 patch for CIVA will be available. Here are some of the improvements that will be included in the UT Analysis part:



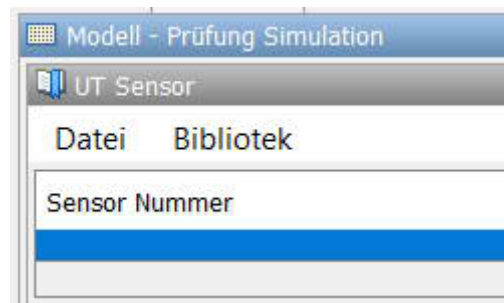
- Automatic and easy depth measurements on ROI
- Customized Analysis ToolBox/Banner
- Some keyboard shortcuts will be configurable
- Mirrors for reconstructed views after skips
- The Plug-In to import acquisition data with other formats will be open to FMC data

Patch SP3 will also include some corrections of issues relative to the simulation modules of CIVA (UT, ET, RT and GWT).

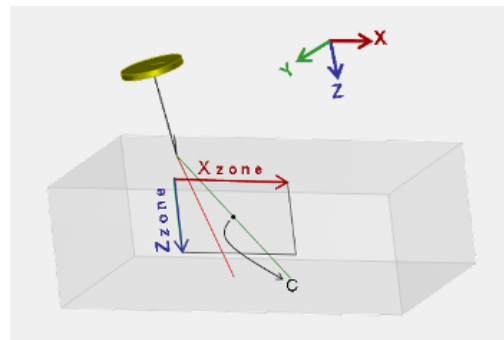
CIVA Deutsch has been released

After CIVA Chinese and CIVA Russian, a new language is available in the newly released SP3 patch of CIVA software: CIVA German (CIVA Deutsch)! To obtain the German version of CIVA, the German language has to be selected when installing CIVA.

The translation process of CIVA software is still going on, and we will offer you another language in a few months.



CIVA Tip: Save and load TFM reconstruction zone



CIVA allows FMC acquisition or simulation post processing with the TFM algorithm. For this, the user must define a region of interest (ROI) where to perform the TFM reconstruction by defining the dimensions, the pitch of the grid and the position of the ROI in the specimen. If the ROI is the same for several files, it is not necessary to define the zone each time. It is possible to [...] [Read more](#)



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