

FLUX Magazine

Key words: ATILA, CIVA, Magnetisation, FLUX, Motor-CAD, NDE, Skewed Motors, Training,...

EDITORIAL.

The Commercial Team - CEDRAT.

This autumn's harvest.

As you all know, winter is the favourite season for inhabitants of Grenoble (and Meylan). We are getting ready to spend the best winter ever. On the one hand, ATILA 5.2.4 has now been released with a new preprocessor for more flexibility. On the other hand, FLUX keeps fulfilling its users' need: for cable design, as the testimony from Kvaerner Oilfields Products (Norway) shows; for motor design, as described in the article regarding modelling of skewed machines; for Non Destructive Evaluation (NDE), which has been one of our main field of interest: developments in FLUX that lead to a dedicated training to NDE modelling and commercial agreements with CEA List for the distribution of CIVA, the most complete software solution for NDE simulation. At last, but not the least, FLUX 9.1 is now in its final stage of Quality Assurance process. Discover a preview of this version, before the official presentation, during the Users Club in Grenoble.

CEDRAT & CEA partners for NDE.

Widely used in various domains, Non Destructive Evaluation (NDE) has been one of the main topic of interest for CEDRAT this last year... (pages 2-4)

FLUX 9.1: New features.

As promised last year during the Users Club in Paris, this year's version of FLUX will bring you a new and complete preprocessor. PREFLUX now includes geometry, mesh and physics... (pages 8-9)



Skewed motors.



New application will be available in FLUX 9.1... (pages 5-6)

Magnetize elevators rotors.



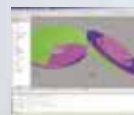
Eliminate the stress of working with magnetized magnets... (pages 13)

Motor-CAD activeX links.



Motor-CAD and SPEED can be fully automated and run from any ActiveX enabled software... (pages 10-11)

ATILA Version 5.2.4.



The new PreFlux preprocessor for ATILA 5.2.4... (page 7)

LINKS to the following articles

>> Software:

- **FLUX 9.1: New release...**
- **CIVA: CEDRAT and CEA, partners for NDE...**
- **New application for skewed motor...**
- **Motor-CAD: activeX links....**
- **ATILA 5.2.4: New release...**
- **NDE: Non Destructive Evaluation with FLUX...**

>> FLUX application:

- **KOP's: Analysis of subsea umbilical systems...**

>> Magnetic measurements:

- **Magnetize elevators rotors...**

>> Training:

- **New training: FLUX 3D and Non Destructive Evaluation...**
- **New CEDRAT 2005 training catalogue...**

>> Agenda:

- **2004 European FLUX Users Club at Meylan...**
- **CEDRAT in Germany...**
- **Dates to remember...**



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