

FLUX Magazine

Key words: Axial flux motor, Busbars, FLUX, Linear actuator, NDT, Piezo, Power Electronics, PSCAD,...

EDITORIAL.

Sales Team - Cedrat.

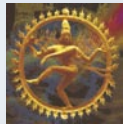
Conferences.

Spring and Autumn are traditionally the times of year when you're likely to bump into CEDRAT people at the various scientific conferences relating to our markets. With a strong scientific bias, these events also allow us to further tailor our products to the market's needs, find out more about the latest trends and assess our position on our markets. ICEM 2004 taught us a lot about FLUX's high profile on the electrical rotating machines market. The 2006 edition of the conference offers us the chance to prepare a presentation on rotating machine modelisation with CEDRAT's software solutions: SPEED, Motor-CAD and FLUX.

But CEDRAT is also involved in other applications: linear actuators, non-destructive testing with CIVA^{nde}, power systems with PCAD, bus bars with InCa, etc....

The CEDRAT Group's skills in electrical and mecatronic engineering are tried and tested, but there is still a lot we can learn by pitching our products against your needs during these Spring and Autumn conferences.

CIVA^{nde} : Version 8.



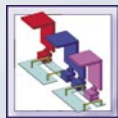
News for Non Destructive Testing simulation (pages 14-15).

FLUX: Version 9.3



New improvements: IM Overlay, Multiphysics (pages 7-8).

On InCa trail.



A new solution for busbars and power electronics (pages 9-10).

FLUX Users Conference.



Conference and trainings in Italy (page 8).

Electrical machines modelisation.



Modelisation of electrical machines with CEDRAT (page 2), ICEM conference (page 2), Vector control of induction machines (pages 3-4), Axial flux PM machines (pages 6-7), Motor-CAD version 3 (page 18).

LINKS to the following articles

>> Software:

- CIVA^{nde} version 8: News for NDT simulation.
- FLUX version 9.3: New improvements.
- InCa: On InCa trail.
- LiveWire: Offline data analysis.

>> Motor applications:

- Modelisation of electrical machines with CEDRAT.
- Vector control of induction machines.
- Axial flux PM machines.
- Motor-CAD version 3.1

>> Navy applications:

- Power quality on electrical ships

>> Practice:

- Electromagnet with FLUX.

>> User conference:

- Conference and trainings in Italy.

>> Agenda:

- Actuator 2006: Cedrat Technologies is there.
- Jobs openings at CEDRAT
- Training courses.
- Dates to remember.



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