



ENSEIGNEMENT TECHNIQUE
TECHNICAL TRAINING
Tél. Secrétariat : 44..60

SEMINAIRE TECHNIQUE TECHNICAL SEMINAR

Monday, February 27
Auditorium Blg 593

MAGNETICS WITH FINITE ELEMENT

by Dale OSTERGAARD
Swanson Analysis Systems Inc. (USA)

10 h.00 Overview of the theoretical and practical difficulties of magnetics with finite element.

Magnetism, and more generally field calculations, can nowadays be carried out by means of finite-element packages which provide also coupled-field analysis. The capabilities of the actual ANSYS version will be discussed, focusing the attention on coupled-field analysis, on current sources definition and on solid modelling. The possibilities of the new version, both for magnetism and for other type of analysis, will also be explored.

INFORMATIONS GENERALES GENERAL INFORMATION

APPEL AUX UNIVERSITAIRES ET AUX INGENIEURS

L'Antenne du CNAM (Conservatoire National des Arts et Métiers) de Ferney-Voltaire a un besoin urgent de 'Professionnels' (universitaires ou ingénieurs) pour enseigner **en cours du soir** sous statut de vacataire dans les domaines suivants :

Information générale	1er cycle
Génie Informatique et réseaux	2e cycle
Electronique	1er cycle
Automatisme	

Prière de téléphoner, en France, au 50405450 ou 50404977 pour un rendez-vous.

ON RECHERCHE...

... la personne qui aurait emprunté le rétroprojecteur portable 3M, type 6202, no. de série 117 370, inventaire EF 8058111, à la salle 14-4-030. Elle est priée de nous le rapporter au plus vite ou de téléphoner au 2112 ou 4865. Merci.

S. Muratori / EP

This seminar is not aimed at ANSYS users only, but rather to all people already working or intending to work with finite-element on magnetism and coupled-field analysis.

14 h.30 Open discussion

Possible features to be discussed :

- users main needs and wishes
- main problems users are faced to when using the available softwares
- real possibilities for general-purpose package to evolve following the evolution of users needs
- magnetism with specific softwares vs magnetism with general-purpose programmes.

For information : M. Bona / TIS - tél. 3439

Dale Ostergaard is Supervisor at the Quality Assurance Department of Swanson Analysis Systems Inc, the company that designed and develops the finite-element package ANSYS. He is responsible for coordinating development of ANSYS magnetism and coupled-field capabilities and for quality assurance testing of the programme.

A VENDRE AUX DIVISIONS

- 1 IBM PC 512K
- 1 IBM PC 640K
- 2 imprimantes IBM Graphics Printer
- 1 calculatrice HP Model 46

Pour tous renseignements, téléphoner à Sonia Escaffre/FI, au 2849 ou au 5885.

Matériel visible au bâtiment 60, 3-016.

LEON VAN HOVE 65th Birthday

The CERN Theoretical Physics Division would like to invite you to a symposium in honour of Léon Van Hove on the occasion of his 65th birthday, and his retirement from CERN.

The symposium will be held :

**Monday 20 February
at 14.00 hrs - Auditorium**

Two talks, one by V. Soergel and the other by W. Kittel will cover respectively two themes which are dear to Léon's heart : international collaboration in physics research and the interplay between experimental and theoretical physics.

C. Rubbia will give the opening address.

The symposium will be followed by a drink.