

PRESENTATION TECHNIQUE

Lundi, 15 mai
14.00 à 17.00
Salle Conf. TC, Bât. 13,
2ème étage
(Anglais)

La maison SIEMENS (D), représentée par Siemens-Albis (CH), propose deux conférences de 50 min chacune sur les thèmes.

1. Process control computer family Siemens System 300. The new models 320 and 306, and their application for integrated control systems by M. Offer, Siemens Erlangen.
2. The new real-time operating systems for 320 and 306 - by M. R. Zumpe, Siemens Erlangen.

Mardi, 16 mai
9.00 à 16.30
Salle Conf. TC-L, Bât.17,
1ère étage
(Français)

La maison OSL (F) expose son programme de mécanique modulaire au standard CAMAC et NIM ainsi que des baies électroniques.

Mercredi, 17 mai
9.30 à 12.30
Salle Conf. TC, Bât. 13,
2ème étage
(Anglais)

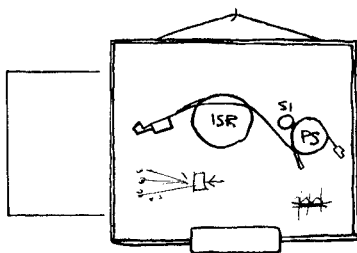
La maison MOTOROLA (USA), représentée par Motorola (CH), propose deux conférences sur les thèmes:

- D. Pieranunzi:
- a) brief discussion of the various MECL;
 - b) specific discussion on MECL 10'000 general features;
 - c) functions available;
 - d) functions in planning;
 - e) second sources;
 - f) pricing;
 - g) new MECL families in planning.

F. Uebe: Technical evaluation

- a) basic circuit design;
- b) interconnection techniques;
- c) termination techniques.

Renseignements: M. Diraison/4585



enseignement

ACADEMIC TRAINING

Monday, May 15
Tuesday, May 16
Wednesday, May 17
11.00
Auditorium

HIGH-ENERGY PHYSICS

"Neutron Stars"

by W. Kundt

Abstract:

1. Pulsar phenomenology: distance, (Faraday) rotation measure; pulse shape and intensity, (multiple) periodicities, (deterministic and stochastic) slowdown, spectra, polarization, phase relations; classification.
2. (Magnetic) neutron star structure: mass, size and shape; atmosphere, crust, liquid zones, core; superfluidity and superconductivity, moments of inertia; elastic, viscous, thermal and magnetic properties.
3. Pulsar radiation models: unipolar induction, electrodynamics of magnetosphere and wave zone, coherent (maser, antenna) and incoherent (synchrotron, thermal, inverse Compton) radiation mechanisms, acceleration of (charged) particles.

OTHER SCIENCES

"Meteorology"

by B.J. Mason, Director-General, Meteorological Office,
Bracknell, U.K.

Thursday, May 18
15.30
Auditorium

1st lecture:

"Weather prediction by numerical methods"

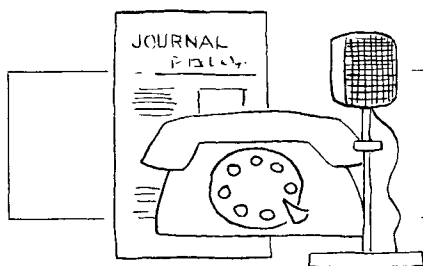
The lecturer will describe recent progress in simulating and predicting the atmospheric behaviour from integration of the basic equations of hydrodynamics and physics, to show how this is now applied in day to day forecasting in the United Kingdom and the United States and to describe some of the very sophisticated mathematical models that they hope to introduce within the next few months.

Friday, May 19
11.00
Auditorium

2nd lecture:

"The global atmosphere research programme"

The lecturer will describe the problems involved in building physico-mathematical models of the global atmosphere and the requirements for an adequate global system of meteorological observations to act as input to these models. He will then review the development of satellite methods for the remote sensing of the atmosphere on a global scale and outline the requirements for an integrated observational system. Finally, he will discuss to what extent the ability to forecast the weather is likely to be limited by the difficulties of formulating the models by the limitations of the observational system, the demand for computer power and by the inherent indeterminism of the atmosphere itself.



cern information

SEANCE D'INFORMATION

Mercredi 17 mai
17.45
Amphithéâtre

concernant les possibilités d'emprunts pour l'accession à la propriété en FRANCE. L'information sera présentée par M. DEJEAN, Délégué du CREDIT SOCIAL DES FONCTIONNAIRES ET DES AGENTS DES SERVICES PUBLICS;

INFORMATION MEETING

Wednesday, May 17
17.45
Auditorium

concerning possibilities of loans for the buying of property in FRANCE. Information will be presented by M. DEJEAN representative of CREDIT SOCIAL DES FONCTIONNAIRES ET DES AGENTS DES SERVICES PUBLICS.

(Talk in French with possibility of questions in English).

Services d'Affaires Sociales
Social Affairs Services

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UNITED NATIONS

Auction sale of discarded or disused furniture and equipment

An auction sale of discarded or disused furniture and material will be held by the U.N. on Saturday, 27 May 1972 at the annex of the villa "Le Bocage", route de Pregny from 8h.30. The equipment may be inspected at those premises on Friday, 26 May from 5.30 to 7.00 p.m. and on Saturday, 27 May from 8.00 to 8.30 a.m. Goods must be paid for in cash only. Additional information may be obtained by telephoning the U.N. on extension 3534.