

# SEMINARS

# SEMINAIRES

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MONDAY 11 AUGUST

## EP SEMINAR

at 17.00 hrs - Auditorium

"Search for narrow  $p\bar{p}$ -states in  $\pi^-p$  interactions at 16 GeV/c with the BNL multiparticle spectrometer"

by S.U. Chung / BNL

WEDNESDAY 13 AUGUST

## THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Correlations in U(1) and SU(2) lattice gauge models"

by M. Nauenberg / U.C. Santa Cruz and CERN

*Abstract : An outstanding problem in lattice gauge theory is the nature of the transition between the strong coupling regime with naturally confining forces and the weak coupling regime which is related to physics, i.e., the field theory of photons and gluons. A promising approach to study this problem and related questions is the application of Monte Carlo simulations to finite lattices. Some recent results obtained in collaboration with B. Lautrup at CERN for U(1) and SU(2) lattice gauge models will be discussed.*

FRIDAY 15 AUGUST

## SPECIAL SEMINAR

at 14.00 hrs - DD Auditorium  
(Bldg.31 - 3rd floor)

"Superconducting Computers based on Josephson Devices"

by W. Anacker / Manager for exploratory cryogenic technology, IBM Research Laboratory, Yorktown Heights

*Abstract : LSI Josephson computer technology has an excellent potential to surpass semiconductors for computers with ultra-high performance and perhaps reliability. This claim is based on a combination of the extremely fast switching (approx. 10 psec./ckt.), extremely low power dissipation (approx. 500 mW/ckt.) and low operating temperature (approx. 40K) of Josephson logic and memory circuits.*

MONDAY 18 AUGUST

## EP SEMINAR

at 17.00 hrs - Auditorium

"A review of charmed D meson production and decay properties at the  $\psi'$ "

by R.H. Schindler / CERN

TUESDAY 19 AUGUST

## CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"Recent advances in non-relativistic quantum mechanics"

by J.J. Sakurai / UCLA

## TRAINING AND EDUCATION ENSEIGNEMENT

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### COURS DE LANGUES 1980 - 1981 - RAPPEL

Le bulletin d'inscription aux cours de langues pour l'année 1980-1981 ne fera pas l'objet d'une distribution générale.

Dès le lundi 21 juillet 1980, les personnes intéressées sont priées de se rendre à leur Secrétariat de Division pour en obtenir un exemplaire.

Les participants aux cours 1979-1980 ayant déjà exprimé leur désir de se réinscrire en 1980-1981 ne sont pas tenus de remplir un nouveau bulletin d'inscription.

### LANGUAGE COURSES 1980 - 1981 - REMINDER

The application form for courses in 1980-1981 will not automatically be distributed to all Staff Members.

As from Monday, July 21, 1980, those persons interested in a course are requested to collect an application form from their Divisional Secretariat.

The participants in the 1979-1980 courses having already expressed their desire to reenrol in 1980-1981 are not required to complete a new application form.

## INFORMATIONS GENERALES GENERAL INFORMATION

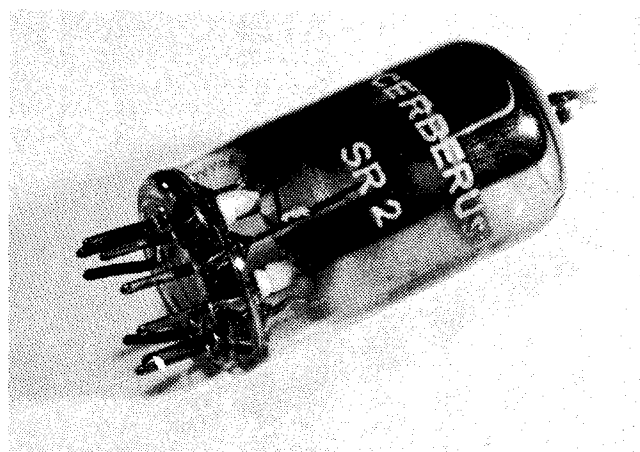
Date      Time      Title

*This week :*

|        |       |                                                            |
|--------|-------|------------------------------------------------------------|
| 11.8 - | 8.30  | T. Bloch - "Trends in super-computer architecture" (1)     |
|        | 10.00 | E. Michaelis - "Introduction to particle accelerators" (1) |
|        | 11.15 | A. de Rujula - "Quarks, leptons and gauge bosons" (1)      |
| 12.8 - | 8.30  | T. Bloch - "Trends in super-computer architecture" (2)     |
|        | 10.00 | E. Michaelis - "Introduction to particle accelerators" (2) |
|        | 11.15 | A. de Rujula - "Quarks, leptons and gauge bosons" (2)      |
| 13.8 - | 8.30  | L. Tauscher - "Baryonium" (1)                              |
|        | 10.00 | E. Michaelis - "Introduction to particle accelerators" (3) |
|        | 11.15 | A. de Rujula - "Quarks, leptons and gauge bosons" (3)      |
| 14.8 - | 8.30  | L. Tauscher - "Baryonium" (2)                              |
|        | 10.00 | E. Michaelis - "Introduction to particle accelerators" (4) |
| (*)    | 11.15 | V.F. Weisskopf - "Physics and society" <u>Discussion</u> . |

(\*) Lecture originally planned to be given on 18 August.

Le Groupe Radioprotection attire l'attention de toute personne qui pourrait être appelée à jeter des tubes électroniques stabilisateurs de tension marqués "CERBERUS SR2, SR3, GR16, etc."; ces tubes contiennent du Radium 226 et doivent être remis au responsable Radioprotection le plus proche. (Eventuellement, appeler le 3171.)



## LA CHASSE AUX PARTICULES

La bande dessinée en couleurs sur le CERN, par  
Brian SOUTHWORTH et Georges BOIXADER,

est en vente à COOPIN durant les mois d'août et  
septembre, de 13 h 00 à 16 h 30, tous les jours sauf le jeudi.

## HUNTING PARTICLES

The new book of colour comic strips on CERN by  
Brian SOUTHWORTH and Georges BOIXADER

is on sale during the months of August and  
September at COOPIN (opening hours from 13.00 to 16.30  
every day except Thursday)

*Next week :*

|      |       |                                                             |
|------|-------|-------------------------------------------------------------|
| 18.8 | 8.30  | P. Jenni - " $e^+e^-$ Physics and LEP" (1)                  |
|      | 10.00 | L. di Lella - "Physics at the CERN $p\bar{p}$ collider" (1) |
|      | 11.15 | V.F. Weisskopf - CANCELLED<br>(lecture given on 14 August)  |
| 19.8 | 8.30  | P. Jenni - " $e^+e^-$ Physics and LEP" (2)                  |
|      | 10.00 | L. di Lella - "Physics at the CERN $p\bar{p}$ collider" (2) |
|      | 11.15 | -                                                           |
| 20.8 | 8.30  | Student Session                                             |
| 21.8 | 8.30  | COURSE REVIEW.                                              |

All the lectures are given in English and held in the Auditorium.

Fellows and Associates Service /  
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