

SEMINARS SEMINAIRES

WEDNESDAY 26 JULY

INTERSECTING STORAGE RINGS COMMITTEE

- Open Session / Wednesday 26th July
at 9.30 a.m. - CERN Council Chamber

1. Information from the Research Director General, L. Van Hove
 2. Presentation by P. Schlein of proposal P 98 Large-X Hadron Physics and Correlations with Central Region Phenomena.
 3. Presentation by G. Jarlskog of addendum to proposal P 95, Request for Superconducting Low- β Crossing.
 4. Presentation by L. Camillèri of proposal P 99. Proposal for a Study of Large Transverse Momentum Phenomena using the Superconducting Low- β .
- Closed Session / Wednesday 26th July
at 14.00 hrs. - Conference Room
(6th floor - Administration Building)

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"Baryonium and Company (Advocates for Colour in Confinement)"

by Chan Hong-Mo / CERN, Rutherford

Abstract : Colour, as a new degree of freedom, should lead to a richer hadron spectrum. Though not visible in ordinary $q\bar{q}$ and qqq spectroscopy, it should manifest itself clearly in certain multiquark states of which baryoniums are the simplest examples. We first review the expected properties of baryoniums in a colour scheme, then compare the result with the accumulating experimental information. The correspondence is already such as to be highly encouraging to the colour model. The discussion is then generalized to other multiquark systems drawing on some analogy with ionic molecules in ordinary chemistry. In addition to gaining a valuable testing ground for colour dynamics, we may have opened up a whole new area in hadron spectroscopy.

TUESDAY 1 AUGUST

DD SEMINAR

at 16.00 hrs - DD Amphitheatre,
building 31, third floor

"Predictive Modeling - An experimental approach to developing new generalized database systems (GDBMS)"

by W.T. Hardgrave / University of Maryland

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT TECHNIQUE

La brochure "Enseignement Technique - Programme 1978-1979" prévoyait l'organisation d'un cours

LES ACCELERATEURS ET LEUR TECHNOLOGIE

CE COURS AURA LIEU DES OCTOBRE 1978.

BUT : Donner une information phénoménologique sur les principaux types d'accélérateurs de particules, leurs principes et les éléments qui les composent. L'accent sera mis sur les différents accélérateurs en exploitation au CERN.

PRINCIPAUX INTERESSES

Ce cours s'adresse au personnel technique ayant une formation dans le domaine de l'électricité ou de l'électronique, qui travaille directement ou indirectement avec les accélérateurs et qui désire mieux comprendre son environnement technologique. Le nombre des participants est limité à 15.

CONNAISSANCES NECESSAIRES

Le cours suppose des connaissances élémentaires de calcul algébrique. Quelques connaissances de physique générale seraient toutefois utiles. Les personnes inscrites seront convoquées pour un entretien préliminaire avec le professeur.

DUREE - HORAIRE

15 séances de 4 h. chacune comportant exposé théorique, exercices et démonstrations.

OCTOBRE A DECEMBRE : 7 séances - mercredi
de 17 h.45 à 22 h.00
JANVIER A MARS : 8 séances - mercredi
de 13 h.30 à 17 h.30

ENSEIGNANT : K. BATZNER / PS - tél. 2573

INSCRIPTION

Jusqu'au 1er septembre en retournant le coupon ci-dessous.

Le coupon peut également être utilisé pour obtenir le programme complet des cours prévus en 1978-1979 pour le personnel technique et administratif. Ce programme peut aussi être consulté dans les Secrétariats de Divisions.

A : Secrétariat de l'Enseignement Technique

Veuillez : ☐ m'envoyer un programme des cours techniques et administratifs
☐ m'inscrire au cours "Les accélérateurs et leur technologie".

NOM ET PRENOM :

DIVISION TELEPHONE

En cas d'inscription au cours, veuillez indiquer vos absences en septembre :

SUMMER STUDENT LECTURES - THIS WEEK

- 24.7. - 8.30 C. Curran - "Introduction to CERN's Computing Services"
10.00 Ch. Peyrou - "The Classic Experiments which founded High Energy Physics" - Lecture III
- 25.7. 8.30 Z. Dimcovski - "Electronic Detectors and Nuclear Instrumentation" Lecture 1
10.00 Ch. Peyrou - "The Classic Experiments which founded High Energy Physics" - Lecture IV
11.15 E. Burhop - "Search for short-lived particles from neutrino interactions in photographic emulsion, illustrating the logistics of experiments in high energy physics"
- 26.7. 8.30 Z. Dimcovski - "Electronic Detectors and Nuclear Instrumentation" Lecture 2
10.00 Ch. Peyrou - "The Classic Experiments which founded High Energy Physics" - Lecture V
11.15 E. Burhop - "Search for short-lived particles from neutrino interactions in photographic emulsion, illustrating the logistics of experiments in high energy physics"
- 27.7. 8.30 Z. Dimcovski - "Electronic Detectors and Nuclear Instrumentation" Lecture 3
10.00 B. Heck - "Electronic Detectors and Nuclear Instrumentation" Lecture 4
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 1
- 28.7. 8.30 B. Heck - "Electronic Detectors and Nuclear Instrumentation" Lecture 5
10.00 E. Rimmer - "Electronic Detectors and Nuclear Instrumentation" Lecture 6
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 2
- 3.8. - 8.30 No Lecture
10.00 D. Treille - "The exploration of the internal structure of the nucleon" - Lecture 3
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 6
- 4.8. - 8.30 D. Treille - "The exploration of the internal structure of the nucleon" - Lecture 4
10.00 D. Treille - "The exploration of the internal structure of the nucleon" - Lecture 5
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 7

All lectures will be given in English (though questions and/or comments in French are welcome), and will be held in the Main Auditorium.

NEXT WEEK

- 31.7. 8.30 E. Rimmer - "Electronic Detectors and Nuclear Instrumentation" Lecture 7
10.00 M. Sendall - "Electronic Detectors and Nuclear Instrumentation" Lecture 8
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 3
- 1.8 8.30 M. Sendall - "Electronic Detectors and Nuclear Instrumentation" Lecture 9
10.00 D. Treille - "The exploration of the internal structure of the nucleon" - Lecture 1
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 4
- 2.8 8.30 Dimcovski/Heck/Rimmer/Sendall "Electronic Detectors and Nuclear Instrumentation" Demonstration Lecture 10
10.00 D. Treille - "The exploration of the internal structure of the nucleon" - Lecture 2
11.15 V.F. Weisskopf - "Particles and Symmetries" - Lecture 5