

SEMINARS SEMINAIRES

Monday 16 August

ISR SEMINAR

at 14.30 hrs – ISR Auditorium
(Top floor of Building 30)

The XXI International Conference on High Energy Physics and the ISR

by K. Potter / ISR

A non-specialist outline will be given of the XXI Conference on High Energy Physics held in Paris at the end of July. Emphasis will be placed on the contributions from ISR experiments and the role that the ISR is playing in current high energy physics. The talk is intended for engineers and applied physicists.

Wednesday 18 August

THEORETICAL SEMINAR

at 14.00 hrs – Theory Conference Room

Light-Cone Superspace and the Ultra-Violet Finiteness of the $N = 4$ Model

by S. Mandelstam / Berkeley, CERN

Superspace in the light-cone frame takes a simple form. No auxiliary fields are necessary, and application to extended supersymmetries is straightforward. The $N = 4$ model, in a certain form of the light-cone gauge, is free of ultra-violet divergences in all orders or perturbation theory. The β function is thus perturbatively zero in all orders in any gauge. Our method differs from the conventional method in using only half the number of θ 's as there are supersymmetry operators. All fields are unconstrained and independent of the θ 's.

Monday 23 August

EP SEMINAR

at 17.00 hrs – Auditorium

Observation of Very Large Transverse Momentum Jets in the UA2 Experiment at the $p\bar{p}$ Collider

by P. Jenni / CERN-EP

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

This week

Monday 16 August

- 8.30 -
- 10.00 C. Rubbia - What do we learn from the proton-antiproton collider ?
- 11.15 A. De Rújula/B. Jonson - Neutrino weight watching (1)

Tuesday 17 August

- 8.30 -
- 10.00 -
- 11.15 A. De Rújula/B. Jonson - Neutrino weight watching (2)

Wednesday 18 August

- 8.30 -
- 10.00 S. Reucroft - Modern high energy physics in practice : EHS
- 11.15 A. De Rújula/B. Jonson - Neutrino weight watching (3)

Thursday 19 August

- 8.30 -
- 10.00 H. Taureg - Study of neutrino interactions with an electronics detector
- 11.15 A. De Rújula/B. Jonson - Neutrino weight watching (4)

Friday 20 August

- 8.30 -
- 10.00 Student session
- 11.15 A. De Rújula/B. Jonson - Neutrino weight watching (5)

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

Next week

Monday 23 August

- 9.00 Course review
(to be held in Council Chamber)
- NOTE UNUSUAL TIME AND PLACE!**

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