

Friday 17 June

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

Higher-order $1/m$ corrections in heavy quark effective theory

by D. PIRJOL / Inst. für Physik, Universität Mainz

A presentation of the existing derivations of a heavy quark effective theory (HQET) is made from a unified point of view. It is shown that a correct normalization of the heavy quark field in the effective theory is crucial for making explicit the mass dependence of the matrix elements. A possible variant of HQET which satisfies this requirement and which is constructed from a sequence of Foldy-Wouthuysen transformations is presented. The renormalization of the resulting effective Lagrangian to order $1/m^2$ is presented, including also effects arising from vacuum polarization.

Tuesday 21 June

PRESENTATION

at 09.30 hrs – Conference room no 1*
bldg 600

Data storage at Los Alamos

by Bill COLLINS / Los Alamos National Laboratory

* Please note unusual location

Tuesday 21 June

PRESENTATION

at 10.00 hrs – CN Auditorium
bldg 31/3-005

ECANSE a new neural tool

by Thomas BAUMANN / SIEMENS Austria

Wednesday 22 June

CERN COMPUTING SEMINAR

at 16.00 hrs – CN Auditorium
bldg 31/3-005

WebMaker – A FrameMaker to WWW Converter

by Bertrand ROUSSEAU / CERN-ECP/PT

POUR / FOR INFORMATION

UNIVERSITE DE GENEVE

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Mercredi 15 juin

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

à 17.00 h – Auditoire Stückelberg

Tour d'horizon de la théorie des cordes: développements récents et applications phénoménologiques

par Marti RUIZ-ALTABA / DPT, Université de Genève

On passera en revue les principales idées physiques caractérisant la théorie des cordes, tout en les illustrant avec quelques exemples physiques. Ensuite, on fera un tour rapide

de quelques notions à la mode, telles que symétries topologiques, symétries conformes, symétries quantiques, dualité étendue, etc. Enfin, on s'adressera à deux sujets plus proches de notre monde quadri-dimensionnel: les trous noirs, avec une brève discussion du principe de complémentarité de 't-Hooft, et les applications de la technologie des cordes au calcul d'amplitudes d'ordre supérieur en QCD.

EDUCATION SERVICES EDUCATIFS

ENSEIGNEMENT GÉNÉRAL

Tél. 5811

Jeudi 16 juin

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

ACADEMIC TRAINING

Tel. 3127

LECTURE SERIES

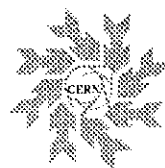
13, 14, 15, 20 & 21 June

11.00 to 12.00 hrs – Auditorium

Accelerators and Energy Production

by C. RUBBIA / CERN-AT

Postponed



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

Monique Duval ☎ 44.60
eductech@cernvm

A few places are available in the course

Accounting and BHT
June 21, 22, 23 from 9.00 to 12.30 hrs

If you are interested please contact the Technical Training Secretariat by phone or by electronic mail at Eductech@cernvm. The price for this course is 300 SF.