

Monday 22 November

PPE SEMINAR

at 16.30 hrs – Auditorium

Studies of tagged photon-photon interactions with the OPAL detector

by Bruce KENNEDY / University College London

This seminar describes analyses of hadron and lepton-pair production in tagged two-photon events recorded in the OPAL detector, with particular emphasis on measurements of the photon structure function. The data sample was accumulated during the 1990–1992 runs of LEP, and corresponds to an integrated e^+e^- luminosity of approximately 45 pb^{-1} .

Tuesday 23 November

TECHNICAL PRESENTATION

09.00 to 16.30 hrs – bldg 17/1-007

EVAC Quick release flange couplings

by EVAC AG (CH)

Languages: English, French, German

Information: M. Diraison / FI-A / 4585

Tuesday 23 November

PRESENTATION

09.30 to 12.00 hrs – CN Auditorium
bldg 31/3-005

INTEL Presentation

by C. BRASEY / INTEL Corp.

Tuesday 23 November

CAS ACCELERATOR SEMINAR

The Ninth Lecture in the John Adams' Memorial Lecture Series

at 14.30 hrs – Auditorium

Crystal channeling or

How to build a "1000 Tesla magnet"

by Søren Pape MØLLER / Aarhus University

Wednesday 24 November

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

An Energy Amplifier driven by an Accelerator : a safer and inexhaustible nuclear Energy Source

by Carlo RUBBIA / CERN

Friday 26 November*

PRESENTATION

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

Microware's latest and future software products

by Peter DIBBLE / Microware Systems

* Please note the unusual day

POUR / FOR INFORMATION

UNIVERSITE DE GENEVE

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Mercredi 17 novembre

SEMINAIRE DE PHYSIQUE CORPUSCULAIRE

à 17.00 h – Auditoire Stückelberg

Mesure de la dépendance en A de la production de dimuons dans les interactions proton-noyau à 450 GeV/c

par Lotfi FREDJ / Université de Genève

La dépendance en A de la production de dimuons a été mesurée dans l'expérience NA38 qui étudie la mise en évidence d'un plasma de quarks et de gluons en utilisant la suppression du J/ψ comme signature. Les résultats qui seront présentés montrent une suppression du J/ψ dans un contexte où l'existence du plasma est exclue théoriquement.

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Tél. 5811

Jeudi 18 novembre

à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

ACADEMIC TRAINING

POSTGRADUATE STUDENTS

15, 17, 19, 22, 24 & 26 November

11.00 to 12.00 hrs – Auditorium

Electroweak interactions in the Standard Model

by A. PICH / CERN-TH

These lectures intend to provide a pedagogical introduction to the Standard Model of electroweak interactions. After briefly reviewing the empirical considerations which lead to the construction of the Standard Model Lagrangian, the particle content, structure and symmetries of the theory will be discussed. Special emphasis will be given to the many phenomenological tests (universality, flavour mixing, flavour-changing neutral currents, precision measurements, etc.) which have established this theoretical framework as the Standard Theory of electroweak interactions.