

4. Les comités consultent le(s) chef(s) de division et le(s) directeur(s) concernés. Ils soumettent ensuite leurs propositions définitives au Directeur général pour décision.
5. La Division du personnel veille à ce que toutes les candidatures satisfaisant aux conditions d'examen soient soumises au comité approprié avec lequel elle coopère tout au long de la procédure d'examen. Elle applique les décisions prises par le Directeur général. Tous les candidats sont informés personnellement de la procédure au début de l'examen ainsi que de la décision finale prise par le Directeur général.

Division du personnel
Tél. 74466

5. Personnel Division ensures that all candidates qualifying for review are submitted to the appropriate committee with which it co-operates throughout the review process. Personnel Division implements the decisions taken by the Director-General. All candidates are informed individually regarding the procedure at the beginning of the review as well as about the final decision taken by the Director-General.

Personnel Division
Tel. 74466

SEMINARS SEMINAIRES

Vous pouvez aussi consulter

For information on these seminars, please see

<http://wwwas.cern.ch/Bulletin/Seminars/current.html>

Mardi 24 février

IT TRAINING TUTORIAL

de 14.30 à 16.30 h – Amphithéâtre IT, bât. 31/3-004-5

Tout ce que vous avez toujours voulu savoir sur les adresses mail

par Arnaud TADDEI / CERN-IT

Quelques notions fondamentales sur le transport du courrier électronique seront données, suivies par une explication détaillée des adresses "physiques" et "généraux" (PEMs et GEMs), ainsi que les mécanismes de conversion de ces adresses pour le courrier sortant et arrivant.

Enfin, les fautes les plus fréquentes de mauvaise compréhension et les erreurs d'adressage seront expliquées.

Information: <http://wwwinfo.cern.ch/support/training>

Organisers: M.Marquina and R.Ramos /IT-User Support

Tuesday 24 February

SEMINAR INFORMATION

at 14.30hrs – LHC Auditorium, bldg 30/7-018

Survey of European SCADA packages for industrial controls

by Frederic MOMAL & Cedric DASSY / CERN-LHC-IAS

For several years, the LHC/IAS group has been using Factory Link, by US-Data, as Supervisory Control and Data Acquisition (SCADA) package.

With the market evolution, and the advent of European products now available with comparable features, it has been decided to re-examine the choice of supervisory control system for future projects.

The talk will present:

- the basic requirements and comparison criteria,
- the selection process and its outcome,
- and finally the integration path of the product in the LHC machine testing and component measurement programme.

Organiser: C.H.Sicard/LHC-IAS/73071

Wednesday 25 February

TECHNICAL PRESENTATION

at 11.00 hrs – LHC Auditorium, bld. 30/7-018

Polyimide Films (APICAL) from Kaneka

by Toshinori MIZUGUCHI & Kazuyuki SENDA / Kaneka

Kaneka will present its latest developments in the field of polyimide films (APICAL). There will be a general presentation of the facilities related to APICAL in Kaneka Corporation in Japan and in Kaneka High-Tech. Materials Inc. in Texas, USA. This will be followed by a presentation of the APICAL product line, the existing commercial grades which show excellent dimensional stability, the new all-polyimide thermoplastic films and the recent developments and trends in this field.

Toshinori Mizugushi is Technical Team Manager from Kaneka Corporation, Japan and Kazuyuki Senda is Marketing Manager of APICAL from Kaneka Belgium N.V., Belgium.

Wednesday 25 February

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room, bld. 4

CP violation and physics beyond the standard model

by Lincoln WOLFENSTEIN / Carnegie Mellon University

CP violation experiments provide a possible window on physics beyond the Standard Model. Of particular interest are effective superweak interactions. B factory measurements of the asymmetry in ψ -Ks and π - π decays could reveal large new contributions to $K\bar{K}$ or $B\bar{B}$ mixing. However, even if these experiments agree with the Standard Model there remains an eight-fold ambiguity in (β, γ) when new physics is allowed. Additional measurements should be directed to resolving this ambiguity.

Thursday 26 February

THURSDAY SEMINAR

at 14.00 hrs – TH Conference Room, bld. 4

Supersymmetry-breaking loops from analytic continuation into superspace

by R. RATTAZZI / CERN - TH

I discuss a recently-proposed technique to calculate supersymmetry-breaking loop effects by a continuation of the RGE into superspace. This technique greatly simplifies the leading order calculation of the mass spectrum in gauge mediation. The extension beyond leading order presents interesting aspects. The renormalized gauge coupling must be extended to a real vector superfield, rather than to a chiral one, which was the case for the 1-loop (or "Wilsonian") coupling. I apply this definition of the coupling to easily calculate the (known) 2-loop RGE for the soft terms as well as the full next-to-leading spectrum in gauge mediation. In components the latter calculation corresponds to a class of 2- and 3-loop diagrams. An interesting result is that gaugino masses are "screened" from corrections due to interactions at the messenger scale. Gaugino masses can therefore be predicted in a remarkably model-independent way.

Jeudi 26 février

EXPOSITION TECHNIQUE

14.00-16.30 h – Parking bâtiment 252

Siemens Suisse SA

par A. SCHILLACI & M. GIRON

Le matériel sera présenté dans un camion d'exposition. Il s'agit de la gamme SIRIUS qui remporte actuellement beaucoup de succès. Cette gamme comprend des disjoncteurs, contacteurs, relais de surcharge, relais temporisés, départ-moteur et module interface AS-I.

Langues : français, anglais

Informations J. Brahy / LHC-IAS / 78648

Thursday 26 February

SL SEMINAR

at 16.00 hrs – SL Auditorium, Prévessin, bld. 864

Beam studies at different accelerators

by Albert HOFMANN / CERN-SL

Among the beam studies carried out by my colleagues and myself in different laboratories a selection of experiments will be presented which might be of general interest. They include mainly the work on colliding beams in the CEA low-beta by-pass, experiments with protons in the ISR, early operation of the SLC damping rings and developments of SPEAR and PEP at SLAC, commissioning and different studies of LEP.

**Coffee and tea will be served at 15:30 in front of the auditorium*

Friday 27 February

CERN HEAVY ION FORUM

at 14.30 hrs - Conference Room bld. 160/1-009

Physics of Pb-Pb collisions at 40 GeV/nucleon

by Horst STOECKER / Frankfurt

The energy and baryon density produced in Pb-Pb collisions, vs. time, can be approached in various ways. The

bombarding energy dependence of this critical issue is discussed. Emphasis will be given to the region around 40 GeV/nucleon. The life time of the resulting system is calculated. We will review these expectations and describe some of the implications this high density state will have on the hadronic and leptonic observables.

Monday 2 March

EP SEMINAR

at 16.30 hrs – Auditorium, bld. 500*

An EPR-type experiment testing the non-separability of the K^0 -anti K^0 wave function

by Apollo GO / CERN-EP Division, CEA Saclay

According to Quantum Mechanics, if a pair of particles is created in an interaction, the two-particle wave function retains its non-separable nature even if the particles are space-like separated. This feature leads to puzzling non-local correlations between the two particles known as the EPR paradox, first pointed out by Einstein, Podolsky and Rosen in 1935. An EPR-type strangeness correlation in the K^0 -anti K^0 system has been measured using the CPLEAR detector. The K^0 -anti K^0 were produced in the reaction proton-antiproton $\rightarrow K^0$ -anti K^0 at rest. The strangeness was tagged by $K^\pm$ and Λ produced via neutral kaon strong interaction with carbon and copper absorbers away from the creation point. The results are compared to the non-separability predicted by Quantum Mechanics and to the spontaneous wave function factorisation at creation.

**Tea & coffee will be served at 16.00 hrs.*

Tuesday 3 March

LARGE HADRON COLLIDER COMMITTEE

Open Session

at 09.00 hrs – Auditorium, bld. 500

09.00–10.45 LHC-B Technical Proposal

10.45–11.15 *Coffee break*

11.15–12.00 B physics with ATLAS

12.00–12.45 B physics with CMS

Tuesday 3 March

TECHNICAL PRESENTATION

at 10.00 hrs – IT Auditorium, bld. 31/3-004-5

ObjecTime Object-Oriented application-generation tools for real-time software development

by S. COURTNEY / ObjecTime Ltd (Canada) &

B. DUPRE / RTSC – ObjecTime product manager

This presentation will be based on a live demo of the ObjecTime toolset.

ObjecTime is used to analyze, design, implement and test distributed real-time software. The significant competitive advantages of the toolset include concepts optimized for real-time, model execution with graphical monitoring and control, and automatic high-performance C++ and C code generation for real-time operating systems.

ObjecTime Ltd's product is ObjecTime Developer and a set of run-time environments for over 30 combinations of targets, including industry standard operating systems (VxWorks, LynxOS, pSOS+, VRTX, Chorus, QNX, Windows NT, and Unix). ObjecTime supports the ROOM methodology described in "Real-Time Object-Oriented Modeling"

published by John Wiley & Sons. The book is authored by Bran Selic and Garth Gullekson of ObjecTime Limited, and Paul Ward, co-developer of the Ward-Mellor real-time method. ObjecTime Ltd is a contributing member of OMG and member of the UML definition team, and is leading a team with Rational Software to define and support an industry standard optimization set for UML for the real-time market. ObjecTime Developer has an installed base of over 1,000 licenses used for developing a wide variety of event-driven applications in telecom, datacom, industrial control, defense, aerospace, and other industries.

Web address: <http://www.objecttime.com>

Organiser : S. Cannon / IT / 75036

Tuesday 3 March

CERN HEAVY ION FORUM

at 14.30 hrs – Conference Room 582-R-008

Anisotropies and asymmetries of particle production in nuclear collisions

by Sergei VOLOSHIN / Heidelberg & Moscow

The observation of anisotropic flow at AGS and recently at SPS has attracted considerable attention to particle production in semi-central nuclear collisions.

In this talk I address different aspects of particle production in semi-central collisions from the point of view of the analysis of the single and two-particle spectra measured with respect to the reaction plane.

Such an analysis reveals rich and interesting physics, very important for the understanding of nucleus-nucleus collisions at high energy. We discuss results from AGS and SPS experiments, as well as possibilities for future measurements by ALICE.

Mardi 3 mars

IT TRAINING TUTORIAL

14.30-16.30 h – Amphithéâtre IT, bât. 31/3-004

Accès aux Services UNIX depuis un PC

par Miguel MARQUINA / CERN-IT

Les PCs peuvent être utilisés pour accéder aux systèmes centraux UNIX et pas seulement l'environnement NICE. En utilisant un logiciel de communications comme Exceed (actuellement recommandé au CERN) il est possible d'utiliser un PC comme un terminal X.

Ce séminaire et une introduction à l'utilisation d'Exceed. Il présente les options de configuration de base, ainsi que des astuces sur le cût PC comme sur le cût UNIX. Une attention spéciale sera donnée à la manière d'interagir et de transférer des informations d'un monde à l'autre.

Cette présentation s'adresse aux nouveaux utilisateurs de PCs qui ont également besoin de travailler sur les services UNIX tels que CERNSP ou HPPLUS. Seules des connaissances élémentaires de configuration d'une application sur le PC ou de l'utilisation d'applications de base telle que telnet sont nécessaires pour comprendre le séminaire.

Information: <http://wwwinfo.cern.ch/support/training>

Organisers: M.Marquina and R.Ramos /IT-User Support

Wednesday 4 March

MINI TECHNICAL EXHIBITION

from 09.00 to 18.00 hrs – bld. 40, Ground floor

Amphenol, Europtics, Molex, and Siemens will participate in a mini-exhibition of optical fibres, connectors, cables and

other passive optical components.

The exhibition is aimed at both optical link designers and installation engineers. The focus will be on MT connector technology but other connectors and cables will be shown.

Organisers: P. Donnat /EP and R.A. McLaren /EP

Wednesday 4 March

COMPUTING SEMINAR

at 16.00 hrs – IT Auditorium, bldg 31/3-005

Digital Video Repositories - A New Information Frontier

by Suave LOBODZINSKI / California State University and Harbor UCLA Medical Center, Torrance

The goal of my talk is to introduce you into the concept of indexed digital video repositories. Such repositories use enormous volumes of video data in addition to still images, and text, as well as more conventional numeric and character data. In particular, distributed digital video repositories are rapidly emerging as a preferred model of a "library of the future" in medical, scientific and intelligence applications.

Managing huge volumes of digital video requires non-traditional approaches to content based indexing and database design. Relational database system that store images as untyped binary large objects (BLOBS) do not understand the contents of the BLOB.

This talk will discuss a novel methodology based on real time dynamic hyperlinking in Object Oriented Database Environment. In this approach multiple content and context based indices are linked to a sequence of video frames, thus producing indices that capture spatial, temporal and context based information. Such indices provide the foundation for natural language queries. Examples of video indexing strategies best suited for rapid access, retrieval and reuse of digital video objects will also be discussed.

Organiser : G.Folger / IT

Thursday 5 March

SCIENCE AND SOCIETY*

at 16.30 hrs — Auditorium, bld. 500**

Toward Economies that Sustain Nature and Human Dignity : An Ecological Economic Reformulation

by Richard B. NORGAARD / University of California at Berkeley

Modern economies have successfully rallied human and community potentials to the production and consumption of material goods but are having increasing difficulty creating meaningful lives, assuring social justice, and protecting the environment for future generations. To redress these imbalances, we invoke economic language and reasoning ever more insistently and incessantly, and move away from solutions rather than toward them. This is because economics evolved with the larger assumptions of modernity that brought us to where we are. Reformulating economics, along with the on-going reformulation of our environmental and social consciousness, will be necessary to build a durable and enduring future.

* Please note that the colloquium will be given in english with simultaneous translation in french.

**Tea & coffee will be served at 16.00 hrs.