



seminars

PHYSICS I - ELECTRONICS EXPERIMENTS COMMITTEE

Monday, November 1
14.30
Auditorium

OPEN SESSION

1. Proposal to study the reactions $\pi^+ + p \rightarrow \Sigma^+ + K^+$, $K^- + p \rightarrow \pi^- + \Sigma^+$ and other 2-body processes at 10 GeV/c, by A. Eide, A. Lundby (CERN); P.J. Carlson, E. Johansson (Stockholm); V. Gracco, S. Ferroni (Genova); R.J. Homer (Birmingham University) and C.J.S. Damerell, B. Ratcliff, T. Tso (Rutherford Laboratory), PH I/COM-71/37, presented by C. Damerell;
2. Proposal to study the reaction $\pi^- p \rightarrow \pi^0 \pi^0 n$ at Serpukhov energies by W.D. Apel, H. Müller, D. Schinzel, G. Sigurdsson and H.M. Staudenmaier (Karlsruhe); E. Bertolucci, I. Mannelli, G. Pierazzini, A. Scribano, F. Sergiampietri and M.L. Vincelli (Pisa) and G. Leder, R. Oberparleiter and M. Steuer (Vienna), PH I/COM-71/38, presented by H. Müller;
3. Status report on the Omega project, presented by P. Sonderegger.

Tuesday, November 2
09.00
NP Conference Room

CLOSED SESSION

CERN PARTICLE PHYSICS SEMINAR

Tuesday, November 2
16.30
Auditorium

"Electroproduction of the first resonance and coincidence measurements in the deep inelastic region"
Dr. F.W. Brasse / Deutsches Elektronen-Synchrotron (DESY)
Hamburg

PRESENTATION TECHNIQUE

Mardi 2 novembre
de 09.00 à 16.30
Salle de conférence TC-L

La Compagnie Française des Isolants, représentée par H.C. Summerer A.G. (Suisse), vous propose une démonstration d'utilisation de gaines thermo-rétractables et autres matériels assimilés.

Langues : allemand, anglais, français

Renseignements : M. Diraison
FIN / 4585

EXHIBITION OF FRENCH ELECTRICAL,
ELECTRONIC AND VACUUM EQUIPMENT,
CERN-MEYRIN, NOVEMBER 3 & 4, 1971

Under the auspices of the French Ministry for Industrial and Scientific Development and the Syndicat National des Appareils de Mesure Electriques et Electroniques (SYNAME) an exhibition of laboratory equipment is being organised by the Syndicat Général de la Construction Electrique.

The following is a list of equipment which can be seen on display and in practical demonstrations run by technicians of the companies.

ADRET ELECTRONIQUE
Ave Vladimir Komarov
78 - TRAPPES

Synthesizing generators models 201 - 202 - 303 - 203S.

ALCATEL-RIBER
22, Bd. Hôpital Stell
92 - RUEIL-MALMAISON

ALCATEL Equipment :
Pumps - 2030 - 2030 Helium - 2030 Chimiste (for use with chemicals);
Leak detector - ASM 4A;
Vacuum measuring equipment - AUV 111 - ACF 12 - ATH 111 -
APS 1 - APS 2.

RIBER Equipment :
1 quadripole residual gas analyser QS 100;
1 ultra vacuum assembly;
Accessories - Bayard Alpert gauges - Slide valves - Insulated
electrical inputs.

A.O.I.P.
177, rue de Bercy
75 - PARIS 12ème

Measurement console CN 10 - Digital voltmeter VNIM with 'plug-ins' -
Digital voltmeter VNITP 4 - Electronic microvoltmeter UVA -
Selective amplifier, model AST 306 - Pyrometric digital millivolt-
meter PNC - Digital thermometer TNS - Digital voltmeter VNIE C -
Digital voltmeter VNIT 4 F.

CORECI
B.P. No. 307
69 - LYON 8ème

STATICOR : static regulator (format 96 × 96) - PD PID control -
relay or thyristor output;
AMPLICOR : regulating indicator with amplior input - PD PID
control - relay or thyristor output;
EP recorder : potentiometer model class 05 - 6 channels;
STATIRACK : plug-in model used either as a threshold detector
(safety and monitoring device) or as a regulator.

EXAPRECIS
38, rue Planchat
75 - PARIS 20ème

Panel-mounting indicators - Optical control indicators and relays -
Digital galvanometers - Digital angle converters - Special
galvanometers.

TEK ELEC - AIR TRONIC
Cité des Bruyères
rue Carle Vernet
92 - SEVRES

Digital voltmeters - Function and pulse generators - Low level
measuring - Electro-magnet and supply.

FERISOL
18, Ave PV Couturier
78 - TRAPPES

SPECTRUM ANALYSER - model XA 301 - An instrument giving a graphic representation and spectrum analysis of RF signals, especially SSB in the frequency range 100 KHz to 40 MHz, with a resolution of 3 Hz;

SWEEP GENERATOR - LF - RF - VHF GH 400 - with cathode ray tube OZ 300 - An instrument consisting entirely of Solid State components working in the range 30 Hz to 2 GHz with interchangeable 'plug-ins'. Used for active circuit research in the frequency band desired, with visual representation of the results on the screen of a large graduated cathode ray tube.

PULSE GENERATORS - models P110, P120, P310 - instruments of very small dimensions offering several possibilities in the way of signal, duration, width and a combination permitting the simulation of logic signals at present used in digital and pulse techniques.

MINI COUNTERS - models HB 210, HB 211, HB 220, HB 230 - Instruments permitting the direct measurement of frequency from DC up to 100 MHz, period and multiperiods, duration and multi-durations, phase, relationships, etc ... Mostly constructed to half standard rack dimensions - 2 units - smallest of their type.

INTERTECHNIQUE
78 - PLAISIR

Microprogramme Multi 8 Computer : - arrangement for general scientific use. (Other possible arrangements : collection and transmission of data).

The arrangement of the Multi 8 computer as used for nuclear spectrometry will also be exhibited.

MATERIEL ELECTRO-CHIMIQUE High precision Standard Cells
2, Square de la Mayenne
75 - PARIS 17ème

SCHLUMBERGER SAIP CRC
57, rue de Paris
92 - BAGNEUX

Presentation of the Camac system with interface to computer - equipment for signal analysis and the treatment of data.

SCHNEIDER ELECTRONIQUE
12, rue Louis Bertrand
94 - IVRY

Multimeters - Voltmeters - Counters - Comparative thermometers - Counters (frequency meters).

SAPHYMO-SRAT
51, rue de l'Amiral Mouchez
75 - PARIS 13ème

BIP supply assemblies - BSI supply assemblies - crate for BIP assembly - Camac crate - Camac supply unit (bas de baie Camac) - NIM supply crate - variable supply units.

CHAUVIN ARNOUX
190, rue Championnet
75 - PARIS 18ème

NUTA 96 panel-mounting digital indicator - Peak reading millivoltmeter 20 mV to 200 V - Multi-OHM 96 - Charge amplifiers.