

3. *Proposal : Larmor precession measurement of the nuclear g-factor of radium isotopes in fast beams (Lyon-Mainz-Orsay-ISOLDE Collaboration; PSCC/84-48/P76; 84-49/S76; J.L. Vialle).*
4. *Proposal : Laser spectroscopy at Z=50 (Mainz-ISOLDE collaboration; PSCC/84-50/P77; 84-51/S77; G. Huber).*
5. *Proposal : Multipion detection in collinear laser spectroscopy of ISOLDE beams (Troitzk-Mainz-ISOLDE collaboration; PSCC/84-37/I68; 84-52/P78; 84-53/S78; E.W. Otten).*
6. *Proposal : Nuclear orientation of radon isotopes (Princeton-Kingston-Göteborg-ISOLDE collaboration; PSCC/84-54/P79; 84-55/S79; F. Calaprice).*
7. *Addendum to proposal P64 : Measurements of the ratio between the double- and single-ionization cross-sections of helium by antiproton impact (Aarhus-CERN-Stockholm; PSCC/84-46/P64 Add. 2; E. Uggerhoj).*
8. *Status reports on LEAR experiments :*
PS 173 : Measurement of antiproton-proton cross-sections at low antiproton momenta (Heidelberg MPI-Heidelberg Univ.; T. Walcher).

PS 174 : Precision survey of X-rays from antiproton-proton (antiproton-deuteron) atoms (Amsterdam NIKHEF-Birmingham-RAL-Williamsburg; J.D. Davies).

PS 179 : Study of the interaction of low-energy antiprotons with nuclei using a streamer chamber (Dubna J.I.N.R. - Frascati-Padova-Pavia-Torino; G. Piragino).

9. Reports from PS and SC Co-ordinators.

Closed session

at 16.00 hrs – 6th floor Conference Room
(continuing at 09.00 hrs on Wednesday 14 November).

Mercredi 14 novembre

REUNION OUVERTE DU LEP

à 14.30 h – Auditorium du LEP
(dernier étage du bât. 30)

1. *Annonces et réponses aux questions.*
2. **Le système de séparation des faisceaux dans le LEP**
par K.H. KISSLER

INFORMATIONS

GENERALES

GENERAL INFORMATION

GUICHET PTT – SITE DE PREVESSIN

La Direction des Postes de l'Ain nous communique une modification des heures d'ouverture du guichet PTT sur le site de Prévessin.

A partir du 2 janvier 1985 l'horaire sera le suivant :

08.30 à 15.00 h du lundi au vendredi,
sans interruption.

Département du Personnel

POST OFFICE – PREVESSIN SITE

The 'Direction des Postes de l'Ain' has informed us that the opening hours of the Post Office on the Prévessin site will be modified.

As from 2 January 1985 the following schedule will be observed :

08.30 to 15.00 hrs Monday to Friday,
without interruption.

Personnel Department

RELATIONS PUBLIQUES

France-Culture diffuse une série de quatre interviews réalisées au CERN à l'occasion du 30^e Anniversaire. Les deux derniers programmes (nous n'avions pas été avertis des dates de diffusion) devraient se situer les **2 et 9 novembre à 19.30 h** sous le titre 'les grandes avenues de la science moderne'.

Fréquence 96,7 MHz.

Tél. 4101

TRAINING AND EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GÉNÉRAL Tél. 2844

Jeudi 8 novembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING Tél. 2844

12, 13, 14 and 15 November

11.00 hrs to 12.00 hrs – Auditorium

Critical phenomena

by E. BREZIN / CEN, Saclay

Many ideas in contemporary particle physics make reference to the theory of phase transitions; the Higgs mechanism or the finite temperature deconfinement transition of QCD are well-known examples. Furthermore quantum fluctuations, and thermal fluctuations near a critical point have many features in common and the construction of a renormalizable field theory may be viewed as the control of a critical point. The modern theory of critical phenomena – the renormalization group formalism – largely based on ideas due to K. Wilson, will be reviewed in these lectures at an introductory level.