

ACADEMIC TRAINING

1968 - 1969

The following series of lectures has been arranged for the period October 1968 to June 1969. A few additional series are still under consideration. Unless otherwise specified, lectures in a given series will take place weekly at 11.00 in the Main Auditorium. Additional information about content, level and dates for each series will appear in due course in the CERN Bulletin and on notice-boards. These lectures are open to all those interested either from inside or outside of CERN.

Experimental and Theoretical Physics

- "Electron Scattering and Nucleon Form Factors", by A. Minten.
(about 3 lectures starting at the end of 1968 or early in 1969)
- " K^-p Interactions between 400 and 1200 MeV/c : a Bubble-Chamber Experiment described from A to almost Z", by R. Armenteros and M. Ferro-Luzzi.
(about 6 lectures starting in February 1969)
- "Cosmic-Rays Evidence of Very High-Energy Phenomena".
(not yet scheduled)
- In addition, one or two series in theoretical physics (intended for experimentalists) are under consideration.

Applied Physics and Mathematics

- "Laplace Transforms", by K. Kölbig.
(8 to 10 lectures starting in October 1968)
- "Space Charge Problems in Accelerators", by P. Lapostolle.
(6 to 8 lectures starting in November 1968)
- "Radiation Damage", by B. Vittoz (EPF, Lausanne) and M. Van de Voorde.
(8 to 10 lectures starting early in 1969)
- "Topics in Statistical Analysis selected for High-Energy Physics", prepared by D. Drijard, W.T. Eadie, F. James, M. Roos and B. Sadoulet.
(8 to 10 lectures starting after New Year)
- "Topics in Numerical Analysis" (1st part out of 3), by F. Louis.
(8 to 10 lectures starting after Easter)

Data Handling

- "Programming in FORTRAN for CDC computers of the 6000 series", by F. Louis.
(about 12 lectures, not yet scheduled)

Basic Courses

The intention is to arrange for this academic year one or two short series on fundamental scientific subjects, outside sub-nuclear physics, which have appeared or grown rapidly during recent years and which are nowadays taught at universities as part of the basic luggage of graduates in "pure" or "applied" physics.

TRAINING AND EDUCATION SERVICES

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Information au
SERVICE D'INFORMATION DU PUBLIC Tél. 4103
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