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Week Monday 10 June

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COMMUNICATIONS OFFICIELLES

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Division PE

OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading.

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RESIDENCE AND WORK PERMITS

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PE Division

SEMINARS SEMINAIRES

Monday 10 June

AC SEMINAR

at 11.00 hrs – SL Auditorium
Prévessin, bldg 864, 1st floor

Beam losses in high-luminosity hadron colliders
by L. BURNOD / CERN-AC

In high-intensity colliders like the LHC, several effects contribute to a halo of particles diffusing towards the vacuum chamber. The power deposited in the surrounding material by this continuous flux of particles is much larger than the superconducting coils of the magnets can afford without quenching. Therefore a high efficiency beam cleaning system must be designed. Results will be shown concerning the simulation of the energy deposit in the LHC dipole and of the coil thermal behaviour. Measurements of the halo transverse drift speed made in the SPS are extrapolated to the LHC. A proposal for the beam cleaning system will be presented.

Monday 10 June

PRESENTATION

at 13.30 hrs – CN Auditorium
bldg 31/3-005

Simultaneous Engineering Environment (SEE)

The open framework from DAZIX

The DAZIX SEE is an integrated product management and information system which integrates data, tools, and users - and automates the product development cycle. DAZIX is the supplier of one of the digital electronic CAE systems supported at CERN.

13.30 Introduction, by Denis Cohen / President DAZIX Europe)

14.00 Presentation of Simultaneous Engineering Environment (SEE), by Tom Carlstedt-Duke / Technical Director DAZIX Europe)