

LINAC4 BEAM COORDINATION COMMITTEE

Chairman: Stephan Maury
Secretary: Suitbert Ramberger

Membership: (project leader, core team, technical coordinator, WP Holders for linac and booster, total 21+2) M. Vretenar, A. Lombardi, K. Hanke, C. Rossi, C. Carli, F. Gerigk, R. Garoby, R. Maccaferri, W. Weterings, R. Scrivens, P. Baudrenghien, O. Brunner, L. Arnaudon, J. Broere, U. Raich, T. Zickler, M. Buzio, D. Nisbet, G. Vandoni, I. Kozsar, Y. Kadi, S. Mathot, B. Puccio
For information: P. Bourquin, M. Jones, 10 GLs, L. Evans.

Tuesday afternoons, 16:00, room 354 1-001

Next meetings: 2.6, 16.6, one meeting in July, one in August, then every 2 weeks.

Structure: 1 or 2 presentations of 20' each, discussion, quick round the table.

(Non-exhaustive) list of subjects to be treated in 2009:

1. ion source schedule and measurement programme.
2. chopper synchronization.
3. beam rise time definition and dimensioning of head dump.
4. design of dump beam line (straight line after switching magnet).
5. design of first switching magnet.
6. radiation protection issues at 50 and 160 MeV (comparison).
7. stripping and injection design.
8. design of measurement lines.
9. painting options.
10. collimation in the 160 MeV line.
11. linac commissioning plan.
12. test results of LEP klystrons, impact on current and commissioning.
13. RF errors definition and effects on the beam.
14. DTL design (finalization before construction).