



# Linac4 Beam Coordination Committee - motivations



Why another meeting ?

*We want to minimise the number of meetings, but...*

1. Linac4 is progressing and this is the moment for the *last important design choices* before starting construction of procurement of components.
2. There are issues to be improved in the structure of the project:
  - *communication* to the whole team of *technical decisions*.
  - communication with some *“isolated” Workpackages*.
  - a clear frame for taking (and registering) *decisions*.
  - direct and regular *feedback from WPs* to project management.

A regular (weekly) project meeting ? But this would mean to dismantle the (very effective) Integration and Installation Committee meeting bi-weekly, which follows issues concerning *building, integration, planning*.

Option2: Create in parallel to the L4 Integration and Installation a second meeting, mostly with different people, dealing with the rest: *machine design choices spreading across WPs and with an impact on beam performance*, but without entering in conflict with the Working Groups already in place (beam performance, commissioning, diagnostics, PSB beam dynamics,...).



# L4 BCC - Mandate



Proposed mandate (to be improved...)

1. To analyse technical subjects related to linac and PSB hardware having an impact on beam performance or on reliability and involving more than one Workpackage.
2. For subjects that are treated in the different ongoing working groups, to report to a wider audience a summary of the discussions and the conclusions after the subjects have been treated in the working group.
3. To favor the exchange of information between Workpackages inside the project and between the Workpackages and the project management.
4. To identify issues needing further studies in order to improve the performance of the machine.
5. To take decisions (or to finalize decisions that are taken in the working groups) concerning the detailed machine design.
6. To register decisions and further actions in the minutes.



# L4 BCC - Structure



Chairman: Stephan Maury

Secretary: Suitbert Ramberger

Membership: (project leader, core team, technical coordinator, WP Holders for linac and booster) M. Vretenar, A. Lombardi, K. Hanke, S. Mathot, 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 (+ P. Bourquin, M. Jones ?).

For information: 9 GLs, L. Evans.

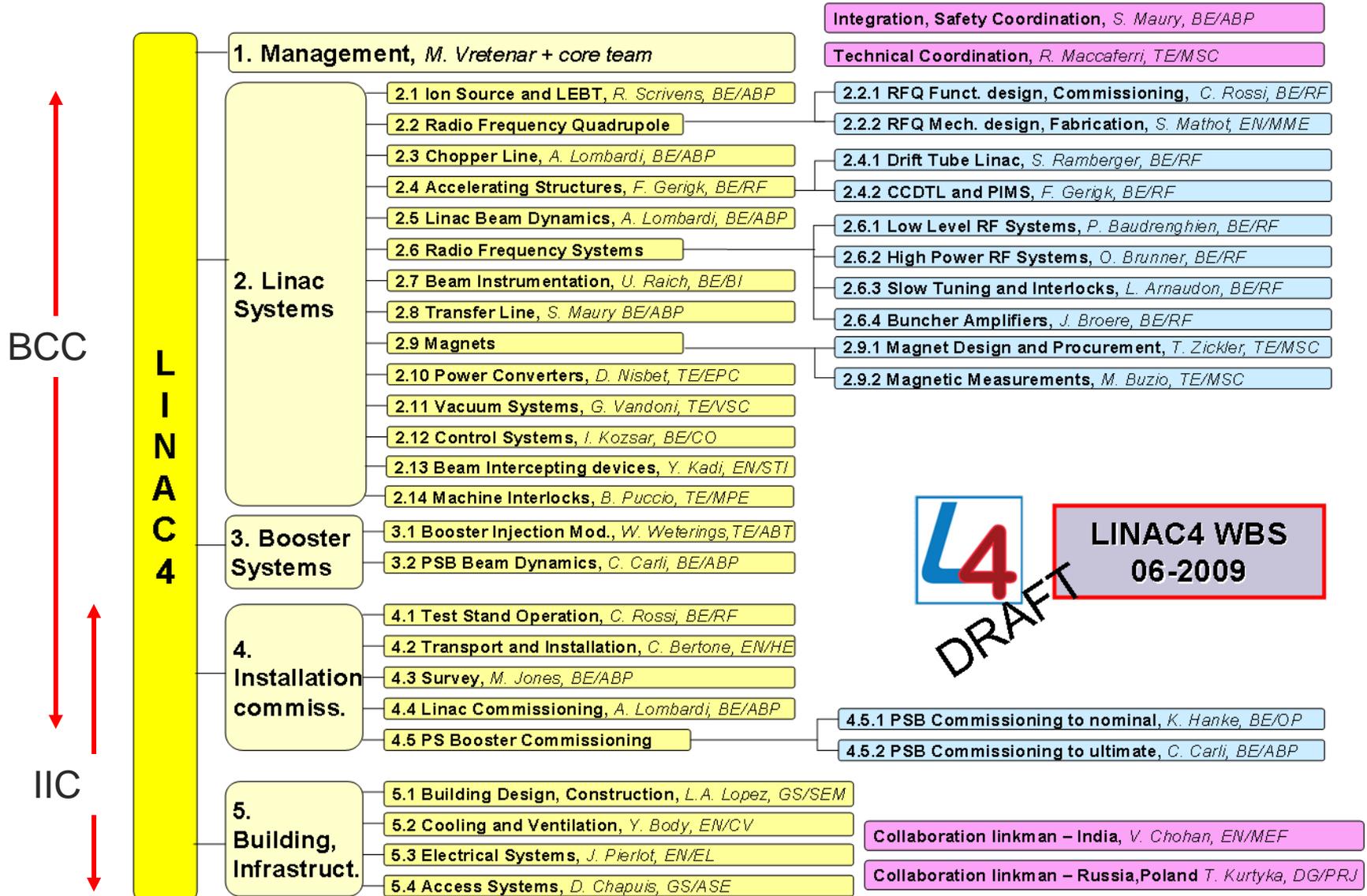
Tuesday afternoons, 16:00, room 354 1-001

Next meetings: 2.6, 16.6, 1 meeting in July, one in August, then every 2 weeks.

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



# L4 WBS





# L4 management communication



LINAC4 MANAGEMENT AND COMMUNICATION STRUCTURE – 06/2009

sLHC Projects – L. Evans

Linac4 Project Management – M. Vretenar

Linac Beam Performance  
A. Lombardi

Accelerating Structures  
F. Gerigk

System Integration, Test Stand  
C. Rossi

PSB Commissioning  
K. Hanke

PSB Beam Performance  
C. Carli

Planning, Installation, Safety  
S. Maury

SPL, sLHC  
R. Garoby

Technical Coordination  
R. Maccaferri

core team

L4 Beam Coordination Committee

L4 Integration-Installation Committee

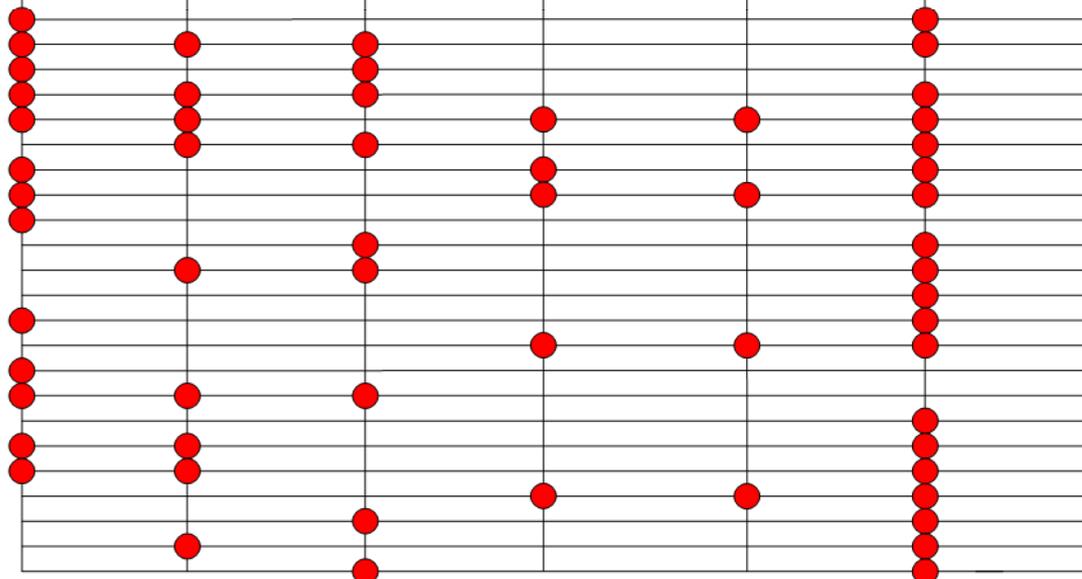
L4 Beam Performance Working Group

L4 Structure Working Group

3 MeV Committee / EL Coordination

PSB Commissioning / Diagnostics Working Group

PSB Beam Performance Working Group



- 2.1 Ion Source, LEBT
- 2.2 RFQ
- 2.3 Chopper Line
- 2.4 Acc. Structures
- 2.5 Linac Beam Dynamics
- 2.6 RF Systems
- 2.7 Beam Instrumentation
- 2.8 Transfer Line
- 2.9 Magnets
- 2.10 Power Converters
- 2.11 Vacuum Systems
- 2.12 Control Systems
- 2.13 Beam Int. devices
- 3.1 Booster Injection
- 3.2 PSB Beam Dynamics
- 4.1 Test Stand Operation
- 4.2 Transport, Installation
- 4.3 Survey
- 4.4 Linac Commissioning
- 4.5 PSB Commissioning
- 5.1 Civil Engineering
- 5.2 Cooling, Ventilation
- 5.3 Electrical Systems

Linac4 Workpackages



# Linac4 Meetings



1. L4 Beam Coordination – every 2 weeks
2. L4 Integration Infrastructure - every 2 weeks
3. General Project Meeting – every 3 month