

Concluding Remarks

Hans-H. Braun

CTF3 collaboration meeting, 29.1.09

Concluding remarks



LHC coffee facilities

2008 was a magnificent year for CTF 3

Hardware status better than ever

2008 runs went relatively smoothly without any major disasters ![©]

[©]Piotr Skowronski, "General Status of Commissioning "

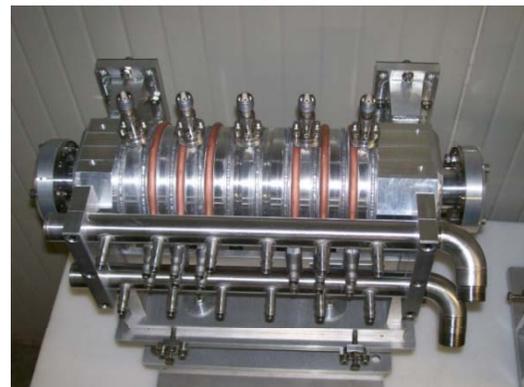
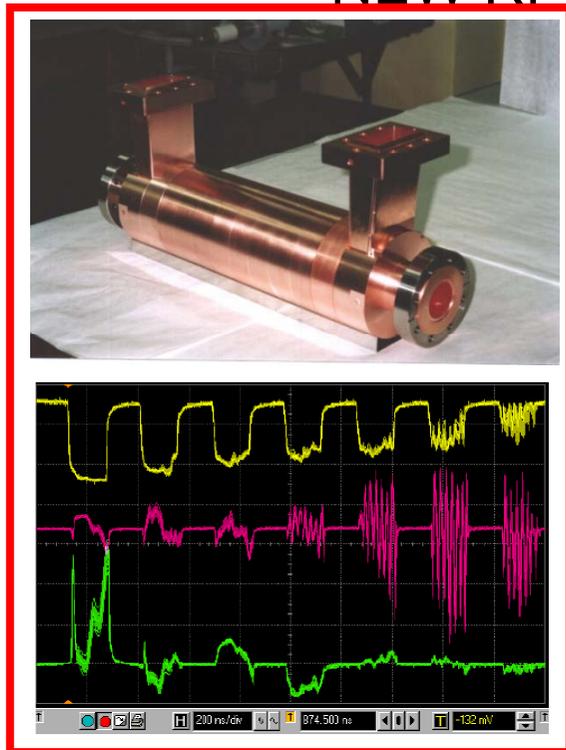
The quality of experimental data reached new heights

The predictions were not completely wrong ![©]

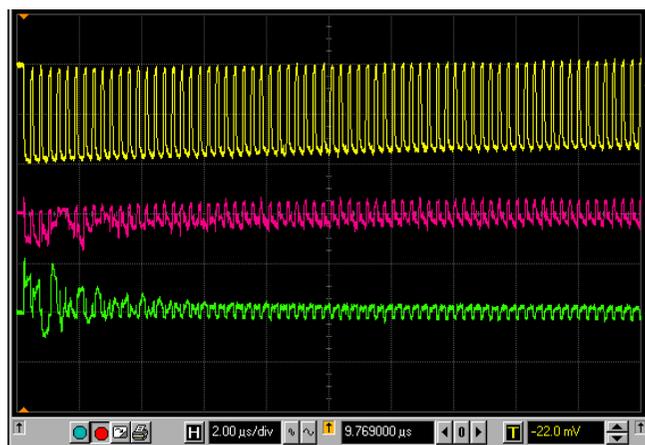
[©]Simona Bettoni, "Optics Studies"

2008 Highlight, I

NEW RF DEFLECTOR: TEST WITH BEAM



No vertical oscillation observed!



Thousand turns without observing beam losses!

David Alesini
"RF Deflector in Combiner Ring"

Text book example for test facilities and collaborations

- *Shows the usefulness of test facilities*
- *Shows how efficiently collaboration can work even in case of unexpected problems*
- *Showed me that I was wrong* and I'm very happy about it*

* I anticipated that Al cavity won't work and I was not the only one at CERN !

Congratulations to all LNF colleagues !

2008 Highlight, II

Experiments in CLEX are starting !

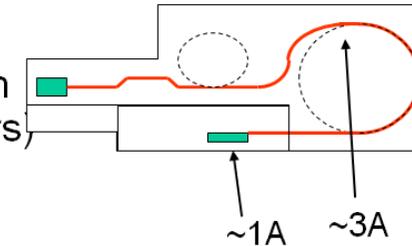


Phase 0: First Beam on 3rd September



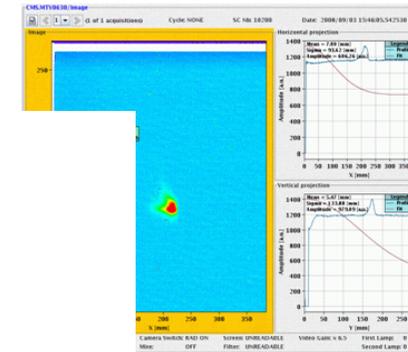
Commissioning

- drive beam passed through small losses (w/o correctors)
- debugging BPM's, MTV

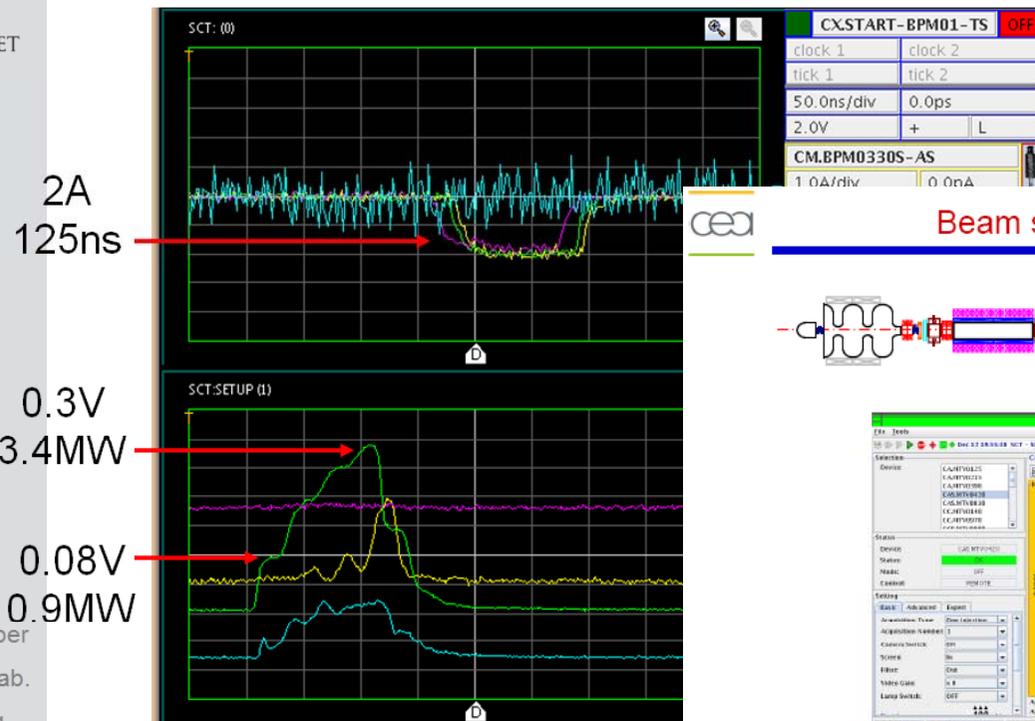


To be done

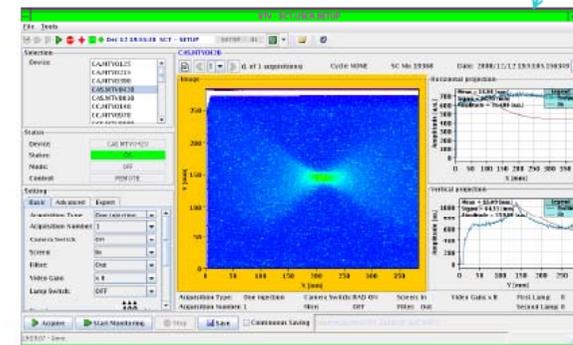
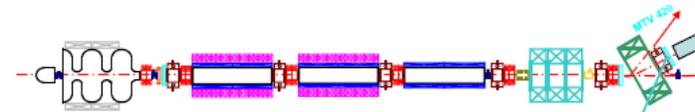
- emittance measurement with quad scan and MTV
- transfer matrix R_{12}



Phase 1: First Power on 14th November



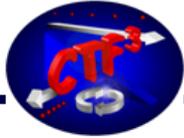
Beam spectrum from MTV 420



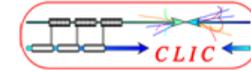
Dipole current 28.4 A : 114 MeV

Roger Ruber
CTF3 Collab.
Meeting
28-Jan-2009

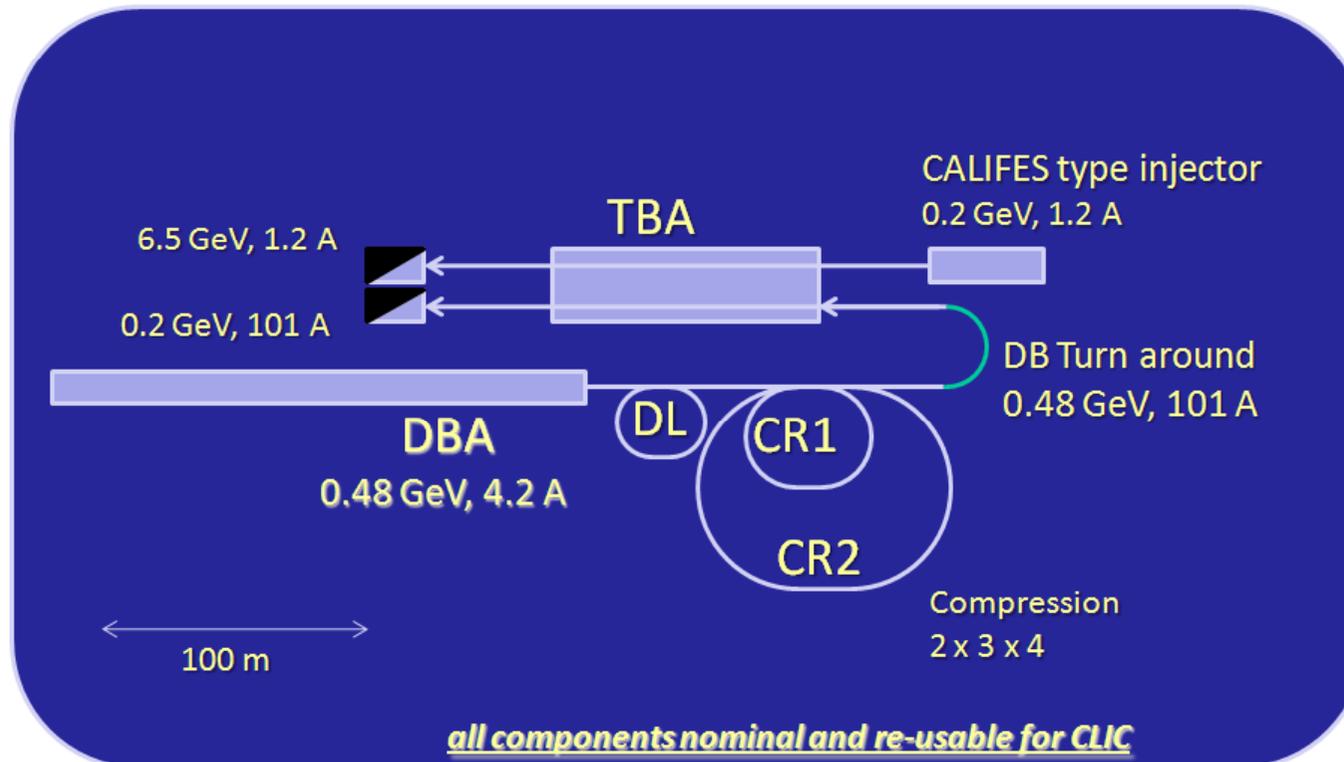
Two-beam Test Stand Commissioning and First Results



Perspectives for 2010 and beyond



R. Corsini, 29-01-09



Essential ingredients for success of CLIC

- CTF3 has to fulfill it's goals !
- A convincing path from CTF3 to CLIC has to be defined and promoted

Both is only possible with a joined effort from all of you !

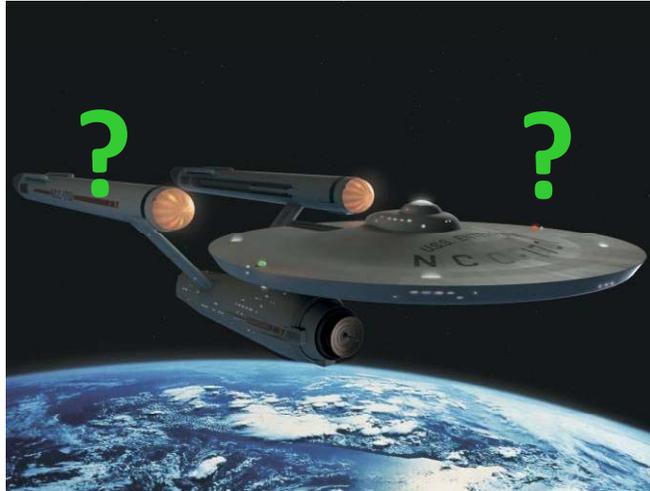
Remaining feasibility issues

Can we show CLIC 3D movies in a plenary talk ?

Jean-Pierre Delahaye's, "Welcome and Status of CLIC"



Conclusion



Where are we?



See the meeting's closing session!

That's a difficult one, perhaps like space trip on a surfboard ?



But before we can really take off, the LHC has to fly again



All that work has only been possible thanks to the
continuous support and excellent collaboration with
~~CERN teams~~ *All the teams of the CTF3 collaboration.* ©

©Wilfried Farabolini, "CALIFES, Commissioning & Status"

Personal remarks

- *I appreciate very much to be a member of this collaboration*
- *I don't quit this collaboration,
I only move from one collaboration member to another*