

# PIP Progress

D. Schulte for many others

# 380 GeV Drive Beam-based Design

Injectors	2	Steffen	Missing
DR	2	Yannis	Received
RTML	2	Andrea	Received
ML	2	Daniel	Back to
BDS	2	Rogelio ( <b>Fabien</b> , Edu)	author with
MDI	2	Lau	comments
Post. Coll. and beam-dump	1	Rogelio (Ryan&Lau)	
Integrated simulations	2	Daniel (Andrea)	Back from
Operation for top	1	Neven (Daniel)	author
Operation	1	Michael	
Availability	2	Odei (Michael)	
DB acc	2	Steffen (Roberto&Avni)	
DB recomb	2	Roberto ( <b>Andrea</b> &Edu)	
Beam transport	1	Andrea	
Decelerators	2	Daniel	
Dump lines	1	Andrea	

# 380 GeV Drive Beam-based Design

Injectors	Cosmetic iteration on details	→ 2	Steffen	Contributions are ready for editing
DR		2	Yannis	
RTML		2	Andrea	
ML		2	Daniel	Some work ist still required
BDS	New results from Jim for easier explanation	→ 2	Rogelio ( <b>Fabien</b> , Edu)	
MDI		2	Lau	
Post. Coll. and beam-dump		1	Rogelio (Ryan&Lau)	Missing
Integrated simulations	Adding more results as we go	→ 2	Daniel (Andrea)	Ryan tries to make new design Otherwise refer to 3 TeV solution
Operation for top		1	Neven (Daniel)	
Operation	One new result	→ 1	Michael	
Availability	missing	2	Odei (Michael)	
DB acc		2	Steffen (Roberto&Avni)	
DB recomb		2	Roberto ( <b>Andrea</b> &Edu)	
Beam transport		1	Andrea	
Decelerators		2	Daniel	
Dump lines	Need to check plot and lattice	→ 1	Andrea	

# Klystron-based Design / Higher Energies

Missing

Received

Introduction and parameters

2 Daniel

Main linac design

1 Daniel

Main Linac technical unit

4 Carlo

Back to  
author with  
comments

Back from  
author

Introduction, and example parameters

2 Daniel

Upgrade from Klystron version

2 Daniel

Impact on systems

1 Daniel

Progress on 3 TeV BDS?

2 Edu (Fabien, Rogelio)

Energy upgrades with future technologies

3 Erik (Daniel, Alexey, Philipp)

# Klystron-based Design / Higher Energies

Parameter table  
from rebase. doc.

Contributions are  
ready for editing

Introduction and parameters

2 Daniel

Main linac design

1 Daniel

Main Linac technical unit

4 Carlo

Some work ist still  
required

Section on impact on other systems?

Missing

Introduction, and example parameters

2 Daniel

Upgrade from Klystron version

2 Daniel

Impact on systems

1 Daniel

Progress on 3 TeV BDS

2 Edu (Fabien, Rogelio)

Energy upgrades with future technologies

3 Erik (Daniel, Alexey, Philipp)

Parameter table for  
rebaselining doc.

Figure to explain  
configuration