

# Happy New Year



Ricardo Goncalo (LIP), David Miller (Chicago)

First meeting in 2015

Jet Trigger Signature Group Meeting 12/1/2015

# News

- Release 20.1.0 to be built very soon
  - Officially on Wednesday 15 (in 2 days)
- To be used for M8 (early Feb.)

Task description	Priority	Done [%]	Contact
HT chains implemented in JetDef	D	50%	Arantxa, Peter Sherwood
Trigger Tower full-scan (L1.5) chains	D	70%	Peter Sherwood/Nuno Anjos
Jet reclustering implementation in HLT and performance study	D	70%	Ricardo Piegai/Peter Sherwood
Implement TLA selection algorithm	D	80%	Caterina Doglioni/Peter Sherwood
TLA-specific monitoring	E	0%	Caterina Doglioni
Monitoring software for Run II	D	80%	Lee Sawyer/Dilip Jana
Validation software for Run II	D	80%	Lee Sawyer/Sebastien Prince/Valentinos Chr.
Add trigger vs offline histos to monitoring and validation	E	20%	Caterina Doglioni/Guy Koren
Add diagnostics algos to RTT validation tests	E	80%	Valentinos Christodolou
E/p trigger development for Run II	E	0%	David Miller/Joakim Olsson
Use of tracks and vertices from FTK tracking	E	10%	Erich Varnes/Ruchika Nayyar
Jet cleaning selections in HLT	E	20%	Peter Sherwood/Nuno Anjos
Implementation of simplified (Calo only) GSC in HLT	D	0%	Nuno Anjos
Optimization of pileup subtraction in HLT and performance comparison to offline	E	70%	Erich Varnes/Annabelle Chuinard
Testing pileup tools and stability vs pileup, focusing especially on multijet chains	E	70%	Markus Wobisch/Annabelle Chuinard
Single jet menu optimization and performance studies	E	50%	Rob Cantrill/Lourenco Lopes
Implementation of groomed jet algorithms (e.g. trimming) in HLT	E	0%	Markus Wobisch
Determine trigger-specific jet energy scale	E	0%	tbc