## Calendar Year 2008 DZero Experiment Goals: July-December

June 25  June 26-27  D0 Summer Physics Workshop at Fermilab  July 1  p20 jet energy scale (gamma+jet) document is sent to the Certification Board Preliminary Collie approval  p17+p20 soft lepton NN b-tagger certified Start p17 data and MC re-cafing  August 1  p20 final JES (gamma+jet) certified p20 NN b-tagger certified  August 11-16  D0 Summer Workshop in Prague  August 18  4 fb recorded  September 1  MC for post-shutdown data (including CFT timing) tested on the farms Improved b-tagger ready to be exercised in analysis Corrections for jet energy resolution improvements in p20 data available p17 data and MC re-cafing completed  September 15  Herwig, Alpgen+Herwig, and MC@NLO in routine production EM ID certification on p17 re-cafed data and MC available Further improvements in EM ID (hits-on-the-road in EC, FPS) available Cut-off date for data collection for Winter 2009 Conferences  October 3  Implement streamlined MC request system Generation of recocert files as standalone process Fake-track killing post-processor available for use in analyses Data processing of Winter 2009 data set is finished	Date	Goal
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Corrections for jet energy resolution improvements in p17		
data available		· · · · · · · · · · · · · · · · · · ·
October 17 Algorithm for b/c separation is available	October 17	
DQ for Winter 2009 dataset available		
CAF trees for Winter 2009 dataset available		
Jet energy resolution processor is available		
November 3 b ID TRFs are available	November 3	
Certification results available for EM ID, muon ID, tau ID, je		Certification results available for EM ID, muon ID, tau ID, jet
ID, and trigger for Winter 2009 Conferences data set		ID, and trigger for Winter 2009 Conferences data set
November 10-14 Collaboration Meeting at Fermilab	November 10-14	Collaboration Meeting at Fermilab
November 17 vjets_cafe updated for Winter 2009 dataset	November 17	vjets_cafe updated for Winter 2009 dataset
Final Run IIb luminosity constant Note is submitted to EB		
December 8 Groups reviews for Aspen 2009 results start	December 8	Groups reviews for Aspen 2009 results start
December 31 4.7 fb <sup>-1</sup> recorded	December 31	4.7 fb <sup>-1</sup> recorded