

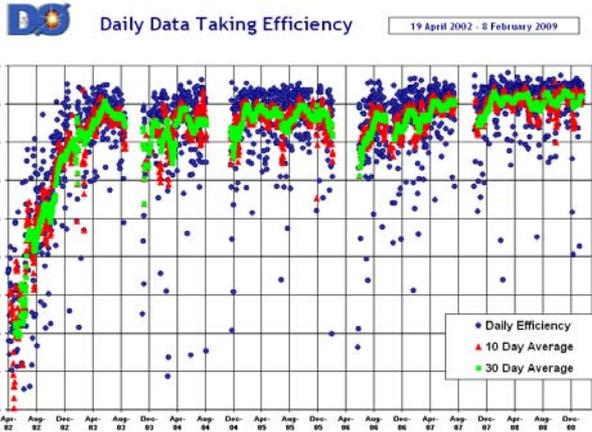


# Tevatron extensions

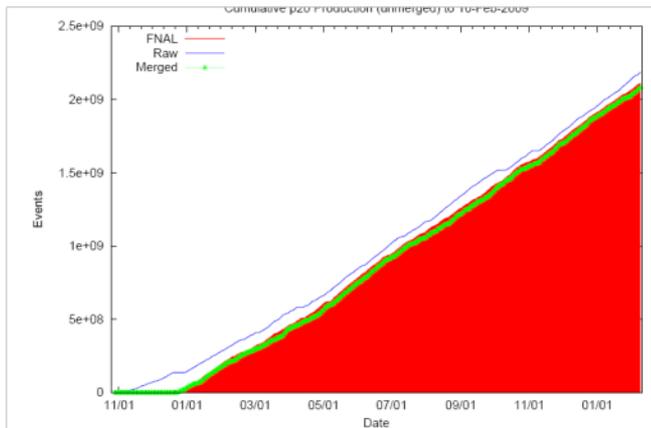
- **Sept, 2007, P5:** “recommend that .. option of continued running past 2009 be help open as a possibility...”
- **May, 2008:** PAC “...it would be prudent to plan for the possibility of a run in 2010. The collaborations have shown that there is enough commitment to maintain the necessary manpower. Such a run would continue to produce world-class physics.”
- **Nov, 2008:** Dennis Kovar (DOE): “Run in 2010 if funds and personnel are available”
- **Feb, 2009:** DOE is inquiring about the possibilities of running in 2011
- **June, 2009:** 2010 run is approved. Laboratory is planning to run through 2011.



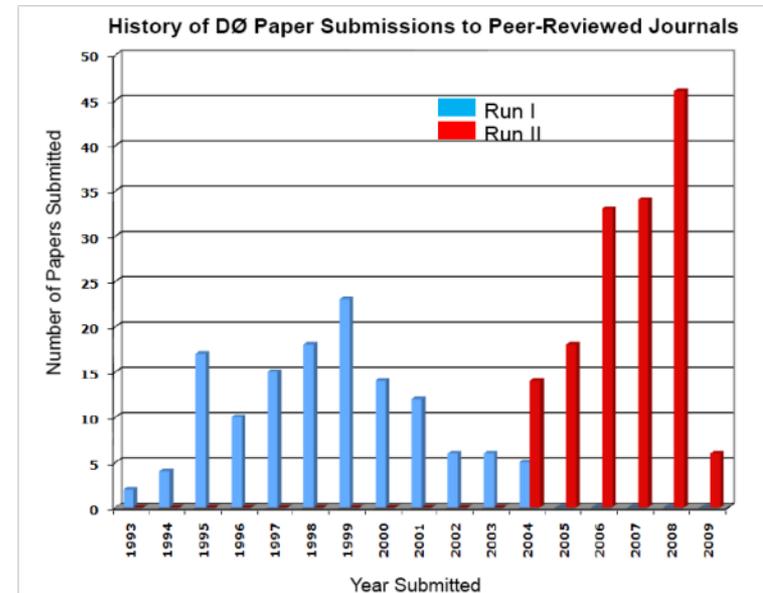
# Many Reasons to Celebrate – records in 2008



- 91% data taking efficiency
- 2.03 fb<sup>-1</sup> recorded
- 2 billion events reconstructed



- 46 publication submitted in 2008
  - Record year
  - 6 already submitted in 2009
- 3 press releases



Slide from Feb 2009 Collaboration meeting

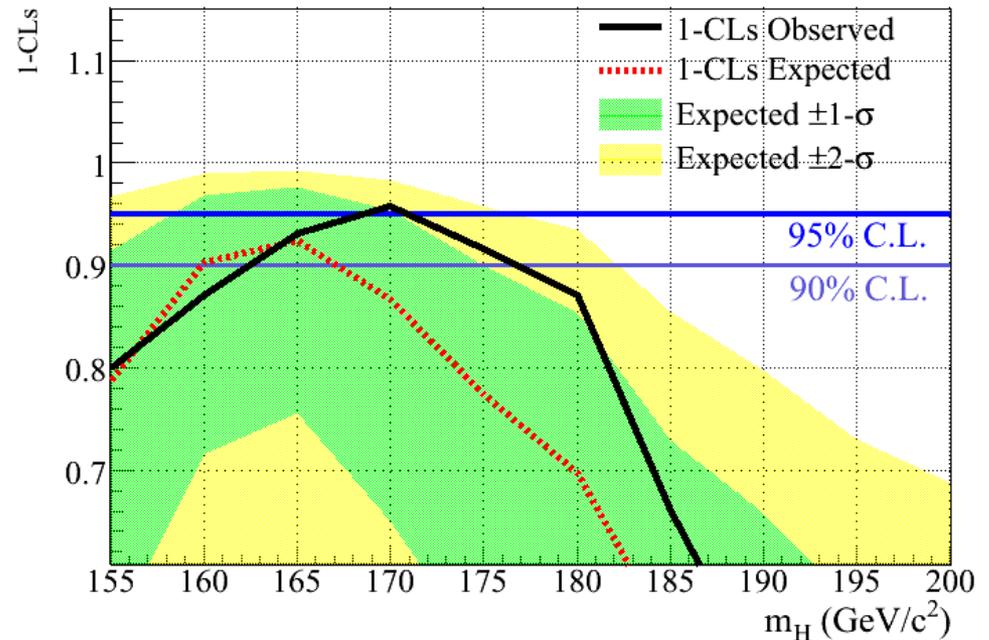
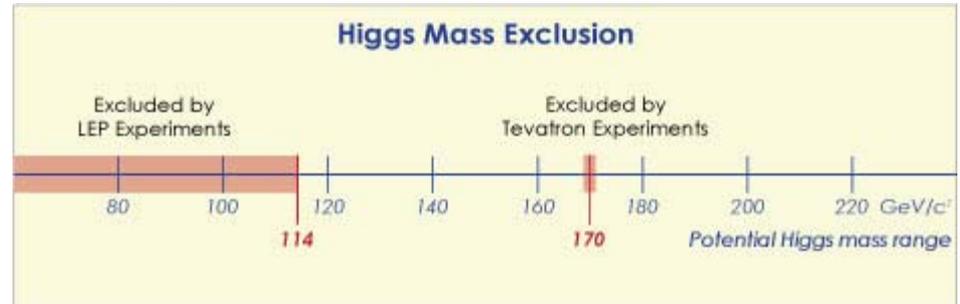


# Higgs Exclusion at 170 GeV

Summer 2008

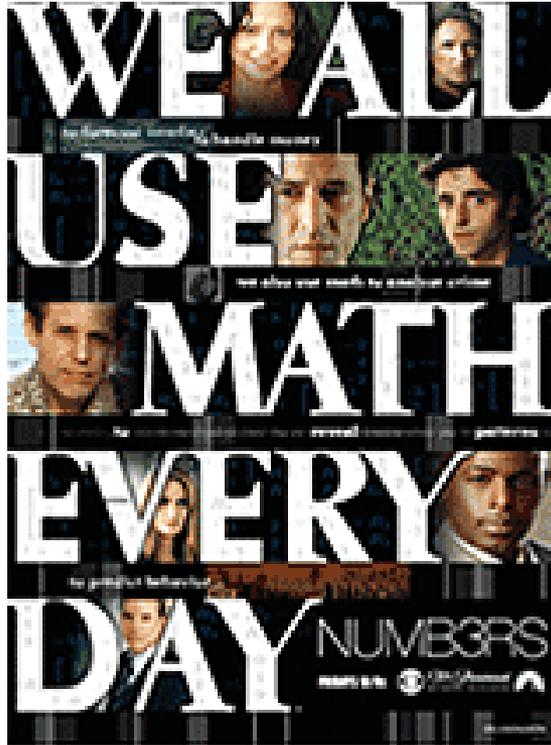
- First direct limit on the SM Higgs mass since LEP
- Every future update is now likely to give new exclusions and/or hints

“These results mean that the Tevatron experiments are very much in the game for finding the Higgs,” said Pier Oddone, laboratory director of Fermilab. “The race for the Higgs is heating up.”





# DØ in Prime Time



- Season 4, episode 7, “Primacy”, CalSci Physicist **Larry Fleinhardt** contemplates a offer from the DZero team
- Season 4, episode 12, “Power”, Larry accepts the offer, and recruits math grad student Amita Ramanujan to help

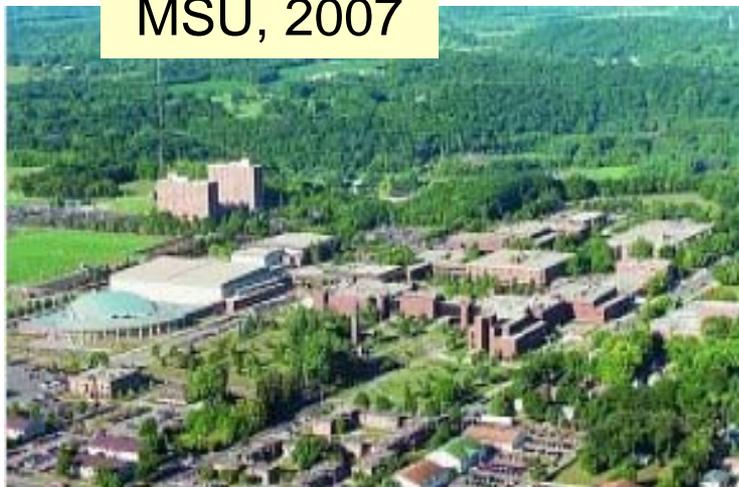


“Once or twice in a lifetime, there are quests that require all that we have to give...and more”



# DØ Workshops

MSU, 2007



FNAL, 2008



**DØ Workshop**  
Prague, August 10-16, 2008

Charles University in Prague  
Faculty of Mathematics and Physics

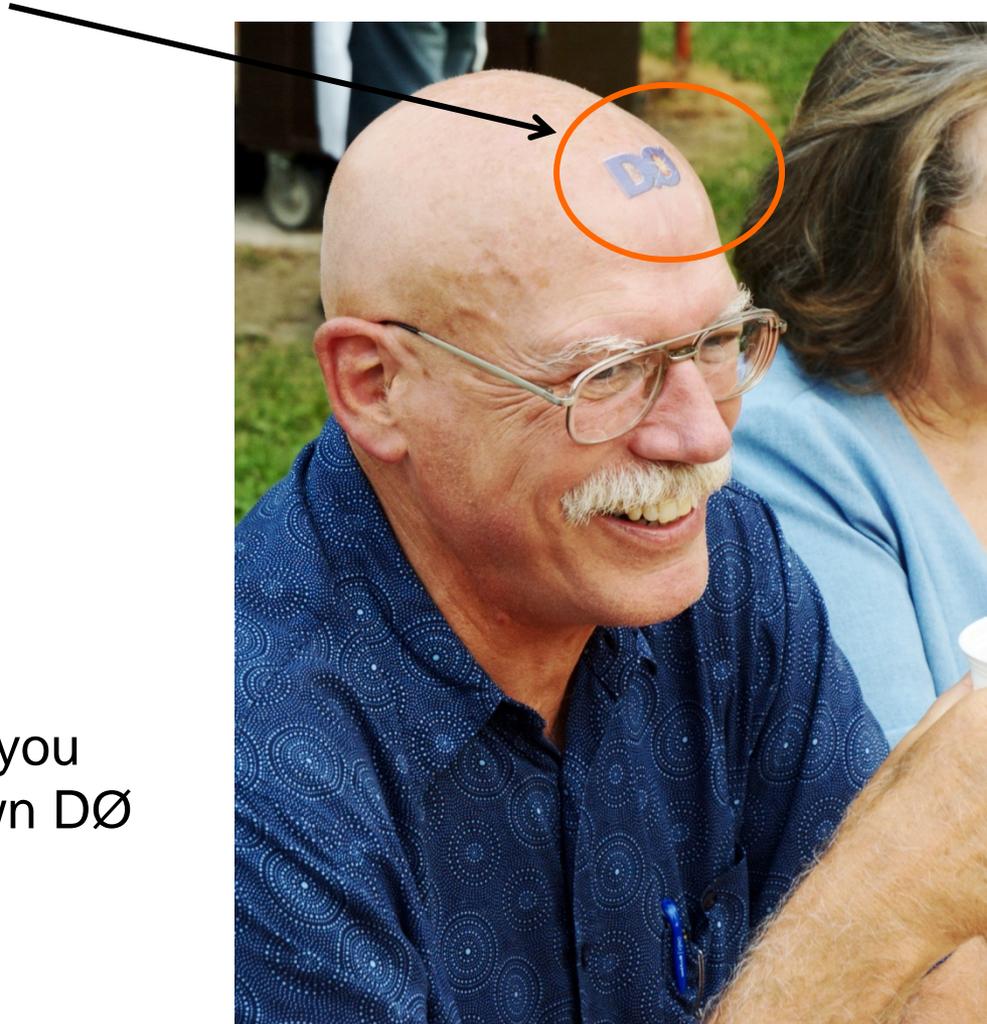
Czech Technical University in Prague  
Faculty of Nuclear Sciences and Physical Engineering

Institute of Physics, Academy of Sciences of the CR

[www.particle.cz/d02008](http://www.particle.cz/d02008)



# The Tevatron run may be over, but DØ will continue to leave its mark...



(see me if you want your own DØ tattoo)