

ARE YOU READY FOR THE LHC?

Dependent on if you want to...

...understand the NYT article when SUSY/Higgs is found? — department colloquia fine

...understand why LHC just killed your favorite model? — LHC Olympics great

...solve problems Maria and Giacomo face? — LHC Olympics good first step

⇒ LHC phenomenology we need: find a problem, solve it, provide tools

Take some TeV-scale BSM conference one year from LHC

20 ± 5 phenomenology LHC talks out of > 200 parallel

theoretical link QCD ↔ BSM searches missing

new theoretical LHC developments? — still theory problems to be solved!

⇒ hopefully not a mirror of the community, clearly not organizers' fault

Questions to the theory communities

U.S.: LHC not only new models, hardly any tools outside Fermilab

Europe: LHC not just higher-order QCD

U.K.: Atlantic-equivalent somewhere between London and Manchester

⇒ clearly not enough local (i.e. good) communication

⇒ **LHC the greatest physics experiment, let's get it to work!**