Terascale Statistical Tools project overview

Mission:

✔ Provide tools/support education for
1. Optimised S/B
2. Signal searches, fits, limits
3. Data corrections (Unfolding)
4. Sys. Errors and other practical stat. problems/tasks in LHC physics analyses

Who:

✔ DESY Analysis Centre: C.K, S.S., O.B,
 + further dedicated manpower
   cross connections to MC and PDF groups
✔ HEP groups @ DESY,universities and other institutes in the alliance

Desy analysis centre 'aus einem Guss'

1. Tools (development, validation)

Contacts to CERN committees established

CERN, ATLAS, CMS

Joint Project: Develop stat. tool

DESY Analysis Centre University group(s) xxx

Concertation / cooperation

ATLAS/CMS Common Tools pool
Roostat

~ 60 participants handshake with most experimental ATLAS and CMS alliance groups

2. Support / Help

Install common platform(s) in analysis centre:
✔ Moderated discussion forum for (all kind of) questions
✔ Use mediawiki/twiki

Exciting program ~ ready, start registration now

3. Education

✔ Miniworkshop 19.6.
✔ School on stat. Tools 29.9.-2.10.
✔ Regular seminars, e.g. on how to treat pdf uncertainties

Concrete project idea for TMVA

✔ Identify topics/projects/ manpower and start!

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