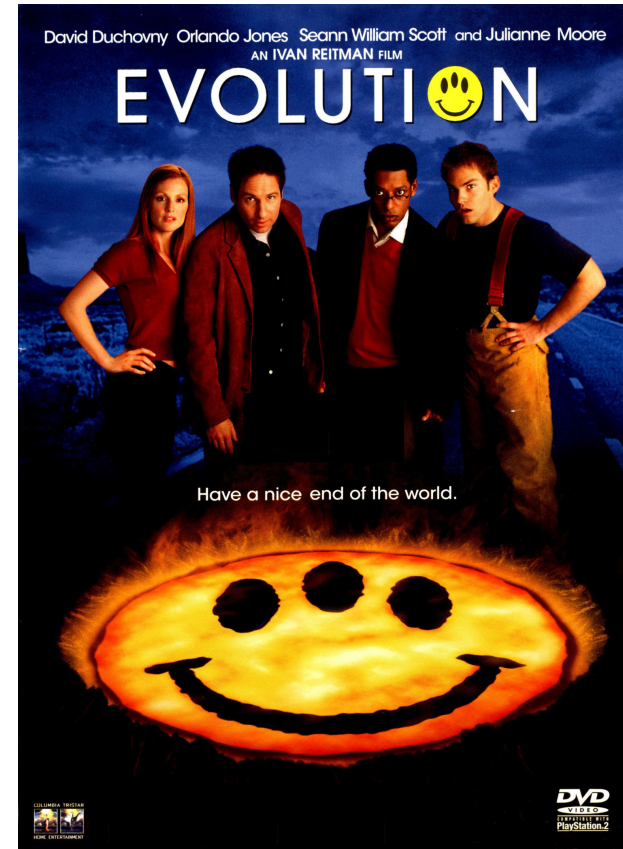


News

Ricardo – ttH@LIP, 21/5/2014

TopRootCore – Evolution

- Email from Simon Head: TopRootCore is becoming AnalysisTop
- Built "first" AnalysisTop release: AnalysisTop-1.5.0
 - Intended to replace old TopRootCore system of making tags
 - Available over cvmfs, on lxplus, grid sites, and local institutes
 - Can be used in exactly the same way as our old tag-based TRC
 - Should improve stability of the software on the grid
- Example: run the D3PD2MiniSL code on lxplus:
 - setupATLAS
 - mkdir AnalysisTop-1.5.0 && cd AnalysisTop-1.5.0
 - rcSetup Top,1.5.0
 - D3PD2MiniSL -filterMask 0xffff -checkFilterOnly
- Instructions:
 - <https://twiki.cern.ch/twiki/bin/view/AtlasProtected/TopD3PDStartGuide>
 - Has:
 - Updated to the final 2012 muon momentum corrections
 - Latest b-tagging calibrations
- List of changes see:
 - <https://twiki.cern.ch/twiki/bin/viewauth/AtlasProtected/TopRootCoreRelease>



ATLAS ttH Publication Plans

- Target: as many results as possible for Higgs Hunting (Jul 21-23)
 - Also preliminary ttH combination at that point
- For papers, target is ATLAS circulation June 10 (H+, l+j/dil bb, $\gamma\gamma$).
- For CONF notes, target is approval start of July (allhad bb, multileptons). In these cases want paper ready and starting circulation 2nd half of July.

Higgs Boson Machine Learning Challenge

- <https://www.kaggle.com/c/higgs-boson>



Higgs Boson Machine Learning Challenge

3 months to go

Monday, May 12, 2014

\$13,000 • 230 teams

Monday, September 15, 2014

Dashboard

Home

Data

Make a submission

Information

Description

Evaluation

Rules

Prizes

About the Sponsors

Timeline

Forum

Leaderboard

Leaderboard

1. Triskellion & Abhishek
2. Lei CHEN
3. Dominado
4. Ivanhoe
5. yr
6. Terry Chen
7. TomHall

Competition Details » [Get the Data](#) » [Make a submission](#)

Use the ATLAS experiment to identify the Higgs boson

