Training and Tutoring WG (HSF)

o **What is this group meant to do?**
  - First and foremost: bridge the gap University/Research in computing skills
    - ✓ Provide a forum for scientific computing
    - ✓ Setup a suitable platform to accomplish the goal (problematic maintenance)
    - ✓ Organize events and school if and when possible, given financial constraints
  - But also higher level training, with an eye for highly specialized fields like
    - ✓ Vector and parallel computing
    - ✓ Software defined networks
  - Create a community for the exchange of ideas and programs among existing schools (CERN, Bertinoro, GridKa,…), research labs and universities.

o **Who is going to be part of the group?**
  - Anyone with interest in the subject, even though only available for suggestions and not much work
  - We should encourage participation from neighbor communities (Astro but not only)

o **When are we meant to do actual work?**
  - Yesterday (☺)
  - Well, depends on how many people we can coopt
  - We do not have all the time in the world: after a while the window of opportunity will probably close (people will loose faith that we are going to solve the problem).
  - Good approach could be: few things, simple ones but implemented soon

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- How do we proceed?
  - We need a platform to host training material: we already have one, WikiFM (have a look at https://www.wikifm.org/).
  - Why WikiFM?
    - ✓ It is already there, hosted by KDE, with a base of young and energetic volunteers
    - ✓ It has been designed specifically for tutoring and training (several useful functionalities)
  - What stimulates WikiFM developers to collaborate with us?
    - ✓ They are willing to trade some effort in development and maintenance for broader, international, visibility (which might be provided by HSF: the site is known in Italy only)
  - What are the benefits?
    - ✓ Besides access to several interesting tools useful for web-based training, they provide improvements upon request and maintenance of the platform (upgrades, security etc…)

- First short term, concrete, goal?
  - Define the structure of the site (as a hierarchical tree of arguments) and begin populating it (eg: short course on specific items, C++, Python, network primary, …)
  - This step should be a priority: the tree could always be restructured later on, but we would like to avoid additional complexity as much as possible.
  - Besides the obvious goals (provide links to already existing tutoring material) and populate it with our own material, we could try to answer to specific requests, like training for art and artdaq as discussed with FNAL (Rob Kutschke)