Machine learning working group news

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- Reminder: last meeting we discussed the future scope of the group
  - See the final talk and minutes of the last meeting for details
- Since then, we have been speaking with each LHC experiment
  - Favourable responses, details are still under discussion
  - Your feedback on how to improve the forum is still very welcome!
- Hope to have a more official structure in place by our next meeting
  - The next meeting: first week of February (date to be finalized)
  - Please sign up to the mailing list to receive meeting announcements:
    `lhc-machinelearning-wg@cern.ch`
    - If you don't have a CERN account, contact us and we'll add you:
      `lhc-machinelearning-wg-admin@cern.ch`
  - Note: mail archives take a bit of time to synchronize after joining
    - You probably won't be able to see them for the first $\sim$30 minutes

Upcoming HEP-ML conferences and workshops

DS@LHC2015 was great; there are more events coming soon!

- ACAT 2016, January 18-22, Valparaíso Chile
    - 17th international workshop on Advanced Computing and Analysis Techniques in physics research
    - Contact Federico Carminati for the latest bulletin
- *Heavy flavour data mining workshop*, February 18-20, Zürich
    - Includes talks by both HEP and ML communities and practical tutorials
    - Winners of LHCb *Flavours of Physics* challenge will present their results
    - Contact Tim Head for additional details
- 2nd *Connecting the Dots* workshop, February 22-24, Vienna Austria
    - Focus: problems in pattern recognition in sparsely sampled data
    - Contact the organizers at ctd2016@oeaw.ac.at for additional details

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- We have a packed agenda today
  - Past, upcoming, and more distant HEP-ML challenges
  - Input from the ML community on challenge platforms and organization
  - Cross-validation advancements and TMVA
- There is a clear interest of the HEP community in ML challenges
- To paraphrase Cecile Germain from the DS@LHC2015 workshop:
  - The LHC name is powerful in attracting attention to our challenges
  - It's critical that our challenges are robust and cover innovative topics