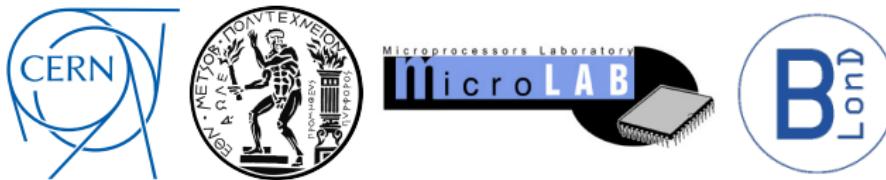# Python profiling and BLonD-MPI

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BLonD-MPI

Status

- New user, more have expressed interest.
- Soon to be integrated with BLonD master.
- For easier development on the cluster, check out this more informative bash prompt.
- Check the Readme for installation instructions, useful bash aliases and more resources.

```
18:46:56 kiliakis pcbe16467  (master *+) ~/work/install/pyprof
→git push origin
add_line_profiler    HEAD                ORIG_HEAD
FETCH_HEAD           master              origin/master
```

Profiling made easy

pyprof

- Library to profile python code.
- GitHub repository: https://github.com/kiliakis/pyprof
- Available tools: `timing`, `papiprof`, `mpiprof`, `perfdeluxe`.

Other News

- (unit-tests): Dropped support for python 3.5. Now testing 3.6 and 3.7. Problems with 3.8.
- C++ code coverage for shared libraries: Found a few things (stackoverflow), need to check further.
- New drift function benchmarking: No updates.
- BLonD poster in the DATE conference (PhD forum).

Questions