



# IPCC ROOT

## Princeton/Intel Parallel Computing Center

# Progress Report

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# Status 22.08-2017 — 11.09.2017

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- ❖ Working towards incorporating the showcase presentation benchmarks in ROOT
- ❖ Requested two machines from OpenLab dedicated on performance monitoring for ROOT
- ❖ Started initial round of discussion how to incorporate such infrastructure in ROOT.



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- ❖ The performance monitoring micro project has 3 main parts:
  - ❖ Benchmarks — we propose well-focused, in-tree benchmarks that can be requested for important contributions.
  - ❖ Database containing data over runs — an InfluxDB (or similar) which can store the JSON/CSV format coming from the google benchmark framework which we use for our benchmarks.
  - ❖ Data visualization — a Grafana (or similar) which can visualize easily data over time.
- ❖ The goal is to use as much as possible public/externally maintained services

Thank you!