

# IPCC ROOT




## Princeton/Intel Parallel Computing Center

# Progress Report

Vassil Vassilev, PhD

# Status 14.03-2017 — 28.03.2017

---

- ❖ Enable vectorization for ROOT's GenVector package
  - ❖ PR#123 (+9 -39  13); PR#394(+1,574 -1,080  142); PR#427 (+20 -24  2)
  - ❖ more...
- ❖ Enable easier user contributions in GitHub
  - ❖ Add code conventions checker in ROOT (based on clang-format)
  - ❖ Help develop continuous integration infrastructure

# Misc

---

- ❖ In contact with Przemek discussing potential use in ROOT of his work
- ❖ Got contacted by an Intel person about the automatic differentiation library clad

Thank you!