

- **Updated TAU support to save profiles as ADIOS2**
 - Now supports both asynchronous (periodic) output and synchronous output on “dump” events
- **Runtime performance monitoring**
 - TAU plugin for monitoring /proc, power, GPU/CPU/Memory utilization
 - Allows for user-space HW/OS monitoring per-process/-node in a dashboard
- **PerfStubs library for instrumentation support (C/C++/Fortran) without a build dependency**
 - <http://github.com/khuck/perfstubs> (moving to UO-OACISS)
 - Tested with: Apline/Ascent, PETSc, PapyrusKV, ADIOS2 example programs
 - Targets: CAMTIMERS, ADIOS2
 - Presented at ProTools workshop, SC19
- **SENSEI measurement**
 - Data volume/rates, memory footprint, observed time for in-situ analysis (in progress)

