

OpenAcc Mar. 05, 2019

[XSEDE HPC Monthly Workshop - Tue. March 05, 2019 - OpenACC](#)

Research Technology (RT) is participating in the eXtreme Science and Engineering Discovery Environment (XSEDE) spring series of workshops on topics in High Performance Computing. The season continues with OpenACC, the accepted standard using compiler directives to allow quick development of CPU and GPU capable codes using standard languages and compilers. It has been used with great success to accelerate real applications within very short development periods. This workshop assumes knowledge of either C or Fortran programming. There will be a hands-on component using the Bridges computing platform at the Pittsburgh Supercomputing Center.

Sign-up at: Coming Soon

Date: Tue. March 05, 2018 11:00 a.m.-5:00 p.m.

Location: Collaborative Learning and Innovation Complex (CLIC) 119

Address: 574 Boston Ave Medford, MA 02155

Audience: All faculty, student and staff

Agenda:

- **Tuesday, March 05, 2018**
- 11:00 Welcome
- 11:15 Computing Environment
- 11:45 Parallel Computing and Accelerators
- 12:15 Introduction to OpenACC
- 1:00 Lunch break
- 2:00 Introduction to OpenACC
- 3:45 Using OpenACC with CUDA Libraries
- 4:00 Advanced OpenACC
- 4:30 OpenMP 4.0 Sneak Peek
- 5:00 Final Notes and Adjourn

We encourage everyone to register for the workshop on the XSEDE website. But we understand the official registration closes early, so WALK-INS are also welcome!