

OpenACC Mar 2020

XSEDE HPC Monthly Workshop - Tue Mar 3 2020 - 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: [Click Here to Register](#)

Date : 1-Day, TUE, 03 / 03 /20 20 from 11AM – 5PM

Location : Collaborative Learning and Innovation Complex (CLIC), Room 114

Address : 574 Boston Ave Medford, MA 02155

Audience : All faculty, student and staff

AGENDA

Tuesday, March 3 (All times given are Eastern time)

11:00am [Welcome](#)

11:15am [Computing Environment](#)

11:45am [Parallel Computing and Accelerators](#)

12:15pm [Introduction to OpenACC](#)

01:00pm Lunch break

02:00pm Introduction to OpenACC, cont

03:45pm [Using OpenACC with CUDA Libraries](#)

04:00pm [Advanced OpenACC](#)

04:30pm [OpenMP 4.0 and Beyond](#)

05:00pm [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!