Introduction to Supercomputing

Date & Time: Feb 15, 2024 06:00 PM Central Time

Description
This free 1.5-hour Zoom workshop will introduce students to concepts in supercomputing, computational science, and parallel computing. Every day, large, fast computers are used for modeling, simulation, visualization, data analysis, and machine learning for a wide variety of applications in all disciplines, helping humanity better understand weather events and natural disasters, disease outbreaks, climate change, design of medicines and materials, turbulence, the cosmological evolution of our universe, and a whole host of other phenomena, big and small - from quarks to galaxies and everything in between.

This workshop is intended for first-year or sophomore undergraduate students, with 11th or 12th grade high school students and others welcome to attend as well. No prior experience is necessary. The workshop will be presented with slides and activities that only require a web browser for students to participate. The workshop will be presented by Aaron Weeden, Scientific Programmer/Analyst at the University at Buffalo Center for Computational Research, in partnership with Dr. Araya from the Computational Turbulence and Visualization Lab at the University of Texas at San Antonio, and in partnership with the Shodor Education Foundation. This workshop is possible thanks to support from NSF-CAREER award #2314303.

Meeting Registration Link is HERE

First Name*
First Name

Last Name*
Last Name

Email Address*
join@company.com

School*

Academic Status*
Select

Academic Status (if Other)

Year in School*
Select

Year in School (if Other)

Information you provide when registering will be shared with the account owner and host and can be used and shared by them in accordance with their Terms and Privacy Policy.

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