

YOU ARE INVITED

Introduction to High Performance Computing: A Beginner's Guide

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12:00-1:00 ET (Virtual event)



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This introductory workshop demystifies High Performance Computing (HPC) and provides an overview of its capabilities and applications. Learn the fundamentals of HPC, key terminologies, and how it accelerates research and innovation across various disciplines. Access to Amarel compute resources will be provided and use cases will be demonstrated.

Target Audience: Undergraduate students, graduate students, and researchers who are new to HPC and interested in learning how it can benefit their work.

No prior HPC experience is required, familiarity with Linux command line is a must.

Hands-on Component: This will be a hands-on workshop, allowing participants to gain practical experience with Amarel compute resources. To fully participate, attendees are required to:

1. Bring a laptop with a stable internet connection.
2. Have a basic understanding of using a command-line interface (terminal/shell).
3. Have a working SSH client installed on their laptop. (e.g., PuTTY for Windows, Terminal for macOS/Linux)
4. Have received and tested their Amarel compute resource (Rutgers University advanced computing environment) access credentials prior to the workshop. (Specific instructions on obtaining and testing credentials will be provided upon registration.)

Please join us for this informative session and feel free to share the event information with your networks.

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Please contact [Forough Ghahramani](#) for additional information.

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