FSU | RESEARCH COMPUTING CENTER
INFORMATION TECHNOLOGY SERVICES

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1,152 new cores added to HPC

We have completed installation and deployment of 12 additional liquid-cooled HPE servers in the HPC. This brings the total core count in the cluster to **21,456** with a peak theoretical **0.966 PFLOPS** not including GPU FLOPS.

These nodes are now available to researchers and groups that have purchased dedicated accounts with the HPC. If you want to run jobs exclusively on the liquid cooled nodes, use the following constraint flag:

```
#SBATCH -C "YEAR2024,amd"
```

Read more about the HPC »

New and Upgraded HPC Software

We are happy to announce the general availability of several new and upgraded packages on the HPC:

- **Slurm Scheduler** - upgraded to v24.05 w/PMIx
- **JupyterLab** - available on Open OnDemand
- **VMD** - Open OnDemand app fixed

See all software packages »

Remaining Spring 2025 Workshops

There is still time to register for our two final workshops this semester:

- **March 4 - Intermediate Databases and SQL**
- **March 25 - Intermediate Python**

View Events Calendar »

Research Spotlight: Dr. Emma Lehmberg

Dr. Emma Lehmberg is collaborating with Dr. Joseph Travis in the FSU Department of Biological Science on a National Science Foundation-funded grant. Her research specializes in speciation, hybridization and the role of sexual selection and sexual conflict in mediating these phenomena. Dr. Lehmberg uses the high perforamnce computing center to sequence large-scale DNA genomes, helping her explore evolutionary biology questions.

Read the spotlight »

ITS now offers RedCap Service

REDCap (Research Electronic Data Capture) is a web-based research survey & data management application that provides secure data capture. FSU ITS now offers REDCap training, consultations, assistance, and accounts that reside in a secure, regulation-compliant environment for health data to the FSU Research Community.

More information »

Sustainable Green Team Updates

On October 23, 2024, Mitch Gans presented the FSU Sustainable Green Team's, "Demystifing Green IT Practices: A Collaborative Approach to Sustainability," at the 2024 Educause conference in San Antonio, Texas.

See the photos »

The FSU Sustainable Green Team's “T's for Tally” program has alliteratively grown to include ties for the office. On Jan. 17, Mitch Gans and Karl Filsinger brought 59 gently used neckties to Christine Moore in Lively Technical College's Job Placement office, to be used by students interviewing for jobs.

See the photo »

In 2025, the team has already been responsible for planting 28 trees in sub-Saharan Africa by recycling 14 surplus printer toner cartridges.

View the certificate »

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Questions?

We are here to help. Contact the ITS Service Desk at 850-644-4357 or its.fsu.edu/help.

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