Welcome to the CoSINe Newsletter!

Comments are very welcome and may be directed to either Andrew Wheeler, Director of Cosine, or CJ Keist, Assistant Director.

Andrew.Wheeler@oregonstate.edu
CJ.Keist@oregonstate.edu

Helpdesk visit By Appointment Only

Please refrain from dropping by the helpdesk unannounced as we’re all accustomed to. It’s not that we don’t want to see your friendly faces, but instead, we are adhering to required scheduling and social-distancing rules. Please call 541-737-5574 or email helpdesk@cosine.oregonstate.edu prior to your visit, so we can add you to our calendar.

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A computer will do what you tell it to do, but that may be much different from what you had in mind. (Joseph Weizenbaum)

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CoSINe IMAP planned end of service.

With the recent completion of the University’s migration to Exchange Online (EOL), CoSINe, with the full support of our Advisory Group, has made the decision to spin down the CoSINe IMAP Email service. Considering the extensive feature set with EOL, including increased email storage and Anti-virus/Spam protection, it became evident that running a redundant service no longer makes business sense.

Further information on IMAP planned end of Service »

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2020 SUMMER HIGHLIGHTS

CoSINe has Moved! Our new digs are located in Strand Ag Hall, south basement rooms 060 and 062. Signs have been posted along the 1st floor of Strand Ag Hall to direct you to our new office suites.

CoS HPC Cluster Stats, year to date:

Total Jobs submitted: ~280k
CPU compute hours: 2.8 million
Wall Time hours: ~348k
Share cluster nodes: 10
Total CPU Cores: 400
Total Memory: 1,280GB

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CoSINe Help Desk
060 Strand Ag
Monday – Friday
8 am – 5 pm
541.737.5574
helpdesk@science.oregonstate.edu
Multi-Factor Authentication

Multi-Factor Authentication to be added to remote terminal login and SFTP service. In order to comply with new security policies coming out of Office of Information Security, CoSINe will be adding Multi-Factor (Duo) authentication to the ssh `shell.cosine.oregonstate.edu` service on November 18th, 2020.

For those of you that require active shell scripting connections instructions on how to setup ssh shared keys to by-pass Duo authentication can be found here.

Generating an SSH Key Pair – Mac and Linux »
Generating an SSH Key Pair – Windows »

Like to take part in the High Performance Computing (HPC) Cluster?

The CoS HPC cluster is free and open to all faculty, researchers and graduate students supported by CoSINe. Faculty and researchers who wish to participate in the CoS HPC, by purchasing additional compute nodes, may do so following the “Condo” model.

In the “Condo” model we guarantee 100% compute resources for your node(s) when you need them, plus the computing resources of the entire HPC cluster when the resources are free. Conversely, if your node(s) are idle, they are made available for the general HPC cluster queue. In addition, CoSINe will also waive all co-location and system management fees for your compute nodes.

Shout out to our CoSINe Students!

2020 Graduating Students

Chris Breniser (Hired Summer 2017)
Ann Kent (Hired Fall 2017)
Alison Jones (Hired Spring 2018)
Cameron Culp (Hired Spring 2020)

New Students

Peter LaMontagne (Computer Science)
Abhi Balijepalli (Computer Science)