



# RCC eNewsletter

April 2023

## Planned Maintenance: August 2023 Software Upgrade

We are planning an upgrade to the HPC software stack between the Summer, 2023 and Fall, 2023 semesters. We'll announce specific dates and a maintenance schedule as we get closer to August.

[More details »](#)

## We're hiring! Research Systems Administrator

The RCC is hiring! We are seeking a systems administrator to join our Systems Team. Responsibilities will include writing scripts, modifying source code, installing software, managing our deployment system, and developing databases.

[More details »](#)

## Welcome, T.Y. Chen!

We are pleased to announce our new hire, Tsangyao (T.Y.) Chen. T.Y. came to Florida State University in 2016 to work on his doctorate in the School of Information. Before joining the Research Computing Center in 2023 as a Research Technology Specialist, T.Y. served in the role of instructor, teaching faculty, and researcher while been involved with the University's health data science initiative since 2019.

[Read more about T.Y. »](#)

## Research Spotlight: Understanding the dynamics of quantized vortex rings in superfluid helium (He II)

**Dr. Wei Guo** and his colleagues are studying superfluids at the FSU National High Magnetic Field Laboratory. Their research focuses on the dynamics and quantized vortices in superfluid helium.

[Read the spotlight »](#)

## GIS Software AgiSoft MetaShape available

Agisoft Metashape is a stand-alone software product that performs photogrammetric processing of digital images and generates 3D spatial data to be used in GIS applications. Metashape is now available through our web-based portal to the HPC, [Open OnDemand](#).

[Read how to use it »](#)

## Sustainable Green Team Update

The SGT has operated a zero-waste data center at Sliger Building since January 2023. Every recyclable and waste item passing through the facility has a distribution channel, to prevent it from being sent to the dumpster and then landfill.

As a result of serving as a materials recovery facility to which the community at large sends waste unrelated to normal operations, the team now processes more waste than it produces. The Sliger Building Data Center is a net negative waste facility.

[Read more at the "Greenletter" »](#)

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**Questions?** We're here to help. Contact the ITS Service Desk at 850-644-4357 or [help.fsu.edu](http://help.fsu.edu).



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