



## News Release

June 2, 2023

### **PEARC23 Technical Program Committee Accepts I-WRF Paper**

The I-WRF team will present a paper at the ACM Practice and Experience in Advanced Research Computing (PEARC23) Conference which will be held from July 23 to July 27, 2023 in Portland, Oregon.

The paper—“The I-WRF Framework: Containerized Weather Modeling, Validation, and Verification”—describes the I-WRF project and was authored by Richard Knepper, Sara C. Pryor, and Bennet Wineholt of Cornell University and Melissa Bukovsky and Jared Lee of the National Center for Atmospheric Research (NCAR).

As part of the National Science Foundation Cyberinfrastructure for Sustained Scientific Innovation (CSSI) program, the I-WRF project is developing and deploying an application container suite that supports the Weather Research and Forecasting (WRF) Model, Model Evaluation Tools (MET), and METplus.

I-WRF is being developed to support the broad portability of weather modeling software, making deployment of the software easier for researchers and students, reducing the reliance on local IT staff, and providing capability to demonstrate the benefits of weather forecasting with WRF.

Innovations under development and target science use cases will be presented at the conference.

The I-WRF project is supported by National Science Foundation grant OAC-2209711 and the Cornell University Center for Advanced Computing (CAC) in partnership with the National Center for Atmospheric Research (NCAR). For more information on the I-WRF project, visit <https://www.i-wrf.org>.

PEARC23 Conference information is available at: <https://pearc.acm.org/pearc23/call-for-participation/>.