



# EPOC

Engagement and Performance  
Operations Center



Award #1826994

Newsletter | November 18, 2021

## A Note from the PIs



Welcome to the newsletter of the Engagement and Performance Operations Center (EPOC), a production platform for operations, applied training, monitoring, and research and education support, jointly led by Indiana University (IU) and the Energy Sciences Network (ESnet). As 2021 winds down, we'd like to thank all of our partners and everyone who has worked with EPOC throughout the year to help make it a great success. Despite the challenges posed by the COVID-19 pandemic, EPOC continues to grow and thrive. Without the commitment and support of the community, this simply wouldn't be possible.

We'd also like to thank the community for recognizing the work EPOC does. In this newsletter, we are honored to announce that EPOC has recently received a Reader's Choice award from *HPCwire* for our collaborative efforts to help rescue data from the Arecibo Observatory. We are truly grateful for the award and are hopeful the recognition will give more exposure to our work and help us continue to grow our engagements in 2022.

Again, thank you to all of our partners and collaborators. We hope everyone has a safe and restful holiday season, and we look forward to working with you in the New Year!

As always, please feel free to provide comments and feedback on EPOC and let us know what you'd like to see in future newsletters here: [feedback form](#).

Thanks!

-Jennifer Schopf, Jason Zurawski, and Dave Jent

## EPOC collaboration receives *HPCwire* Readers' Choice Award



*HPCwire*, the leading publication for news and information for the high performance computing industry, announced the winners of the 2021 *HPCwire* Readers' and Editors' Choice Awards at the Supercomputing Conference (SC21) in St. Louis, MO on November 16th.

We are happy to announce that EPOC's work with a broad group of collaborators including the Arecibo Observatory, the Texas Advanced Computing Center (TACC), University of Central Florida, the NSF Cyberinfrastructure Center of Excellence Pilot (CICoE), and Globus at the University of Chicago, has won the Reader's Choice Award for Best HPC Collaboration (Academia/Government/Industry)! As highlighted in previous newsletters, following the collapse of the Arecibo telescope in December 2020, the EPOC team played a pivotal role in helping move and store over 50 years of astronomical observations from the telescope. EPOC staff provided the expertise required to ensure all network paths were clean and performing as expected to be able to transfer petabytes of irreplaceable observation data from Arecibo to TACC where it will be stored and made accessible to researchers. This work took place as part of EPOC's Roadside Assistance and Consulting service, an operations center and process pipeline for immediate help when data sharing failures occur. As part of the Roadside Assistance service, EPOC helps coordinate with partners and organizations, across multiple network domains, to identify network failures and to work towards a resolution. Tom Tabor, CEO of Tabor Communications Inc., unveiled the award just before the opening gala reception at SC21, stating: "This group of collaborators spanning across academia, government and industry, preserved decades of priceless data, and will enable us to achieve many new and exciting scientific discoveries."

Congratulations to all involved!

Press releases on this collaboration can be found here:

[Leading research institutions receive HPCwire Readers' Choice Award](#)

[HPCwire Reveals Winners of the 2021 Readers' and Editors' Choice Awards During SC21](#)

[Arecibo Support Wins SC21 HPCwire Readers' Choice Award!](#)

You are receiving this email because you registered for one of our events or we believe you requested information about our project.

If you would like to unsubscribe please email: [epoc@iu.edu](mailto:epoc@iu.edu).

## Upcoming Talks and Events (EPOC and others)

- 3 December, 2021, 12pm EST: Brenna Meade, International Networks, "SC21 WAN Design", [CI Engineering Lunch and Learns](#).
- 6 December, 2021, Von Welch & Andrew Adams, Trusted CI, Tom Siu, Michigan State University, "Lessons from a Real-World Ransomware Attack on Research", [Trusted CI Webinars](#).
- 10 December, 2021, 12pm EST: Scott Kohlert, Ciena, "Advances in Subsea Communications", [CI Engineering Lunch and Learns](#).
- 17 December, 2021, 12pm EST: Hans Addleman, International Networks & EPOC, "EPOC: Roadside Assistance", [CI Engineering Lunch and Learns](#).
- 21 January, 2022, 12pm EST: Mariam Kiran, ESnet, "AI/ML Topics", [CI Engineering Lunch and Learns](#).
- 27 January, 2022, 12pm EST: Jonathan Mayer, Ph.D., J.D., Princeton University. For more information: [CACR Security Speaker Series](#)
- 28 January, 2021, 12pm EST: Jorge Crichigno, University of South Carolina, "Dynamic Router's Buffer Sizing using Passive Measurements and P4 Programmable Switches", [CI Engineering Lunch and Learns](#).
- 4 February, 2022, 12pm EST: Tom Costello, ANL, "Campus Network Monitoring with perfsonar-toolkit on Raspberry Pis & NX-OS Docker Containers", [CI Engineering Lunch and Learns](#).
- 24 February, 2022, 12pm EST: Tracy Barnes, Chief Information Officer, Indiana Office of Technology, Co-hosted with the Kelley School of Business. For more information: [CACR Security Speaker Series](#)
- 25 February, 2022, 12pm EST: Jeronimo Bezerra, Florida International University, "Q-Factor: Real-time data transfer optimization", [CI Engineering Lunch and Learns](#).
- 31 March, 2022, 12pm EST: Lynn Dohm, Women in CyberSecurity, Co-hosted with the Center of Excellence for Women and Technology. For more information: [CACR Security Speaker Series](#)

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