



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Missives from ASCR

August 17, 2020
NERSC User Group Meeting

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ESnet Program Manager and Acting Facilities Division Director
Office of Advanced Scientific Computing Research

Thank you, NERSC!



Free roadside assistance for network performance issues: The Engagement and Performance Operations Center (EPOC)



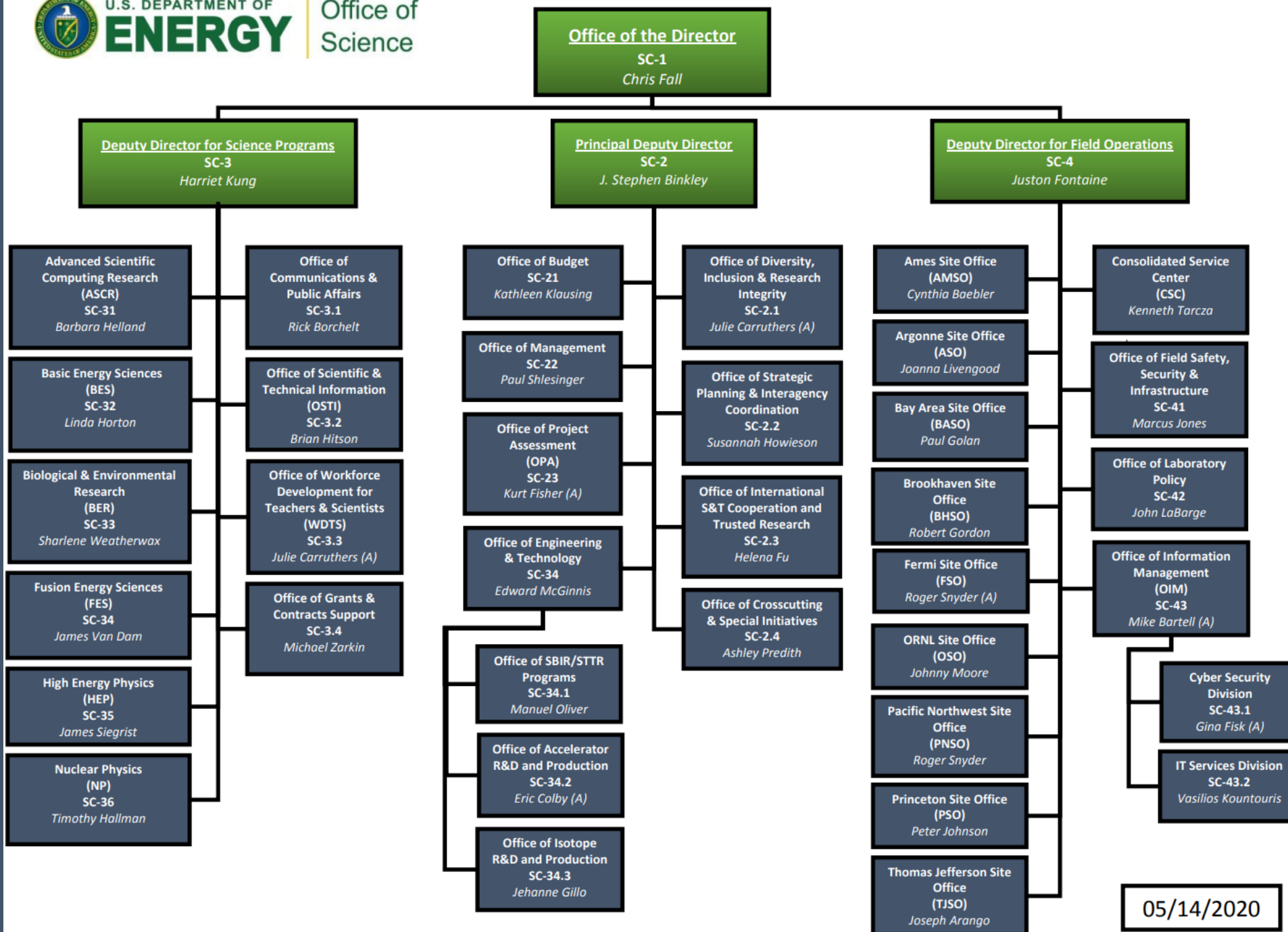
<https://epoc.global/>

- **Roadside Assistance** via a coordinated Operations Center to resolve network performance problems with end-to-end data transfers reactively;
- **Application Deep Dives** to understand full workflows for diverse research teams in order to evaluate bottlenecks and potential capacity issues;
- **Network Analysis** to proactively discover and resolve performance issues;
- **Provision of managed data services** via support through the IU GlobalNOC and our Regional Network Partners;
- **Coordinated Training** to ensure effective use of network tools and science support.



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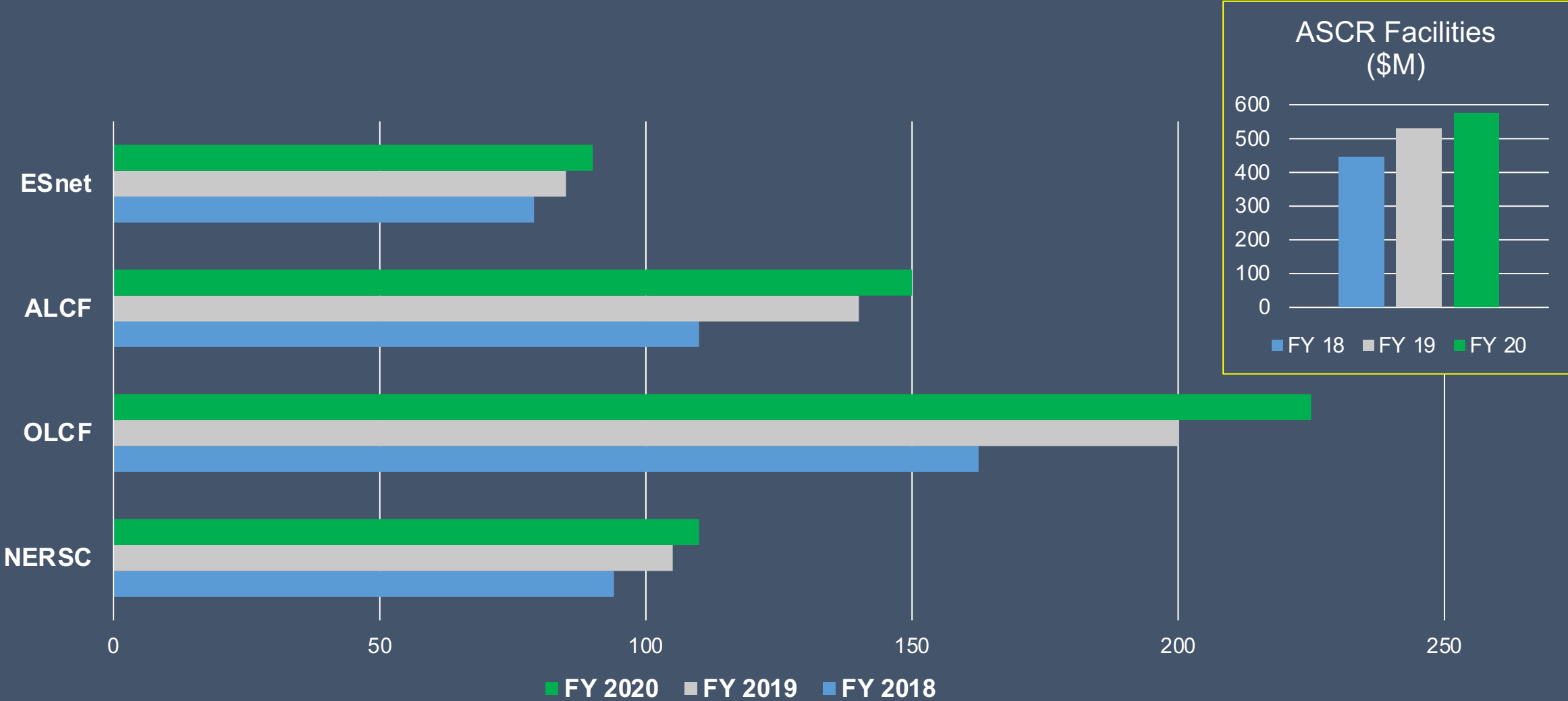
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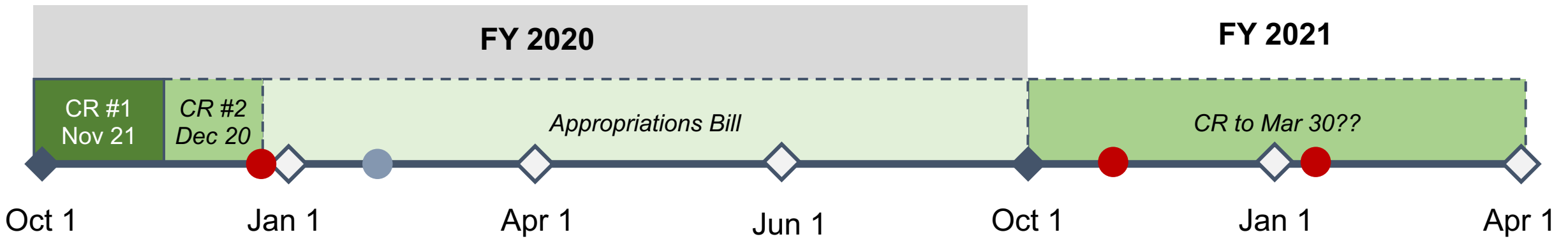
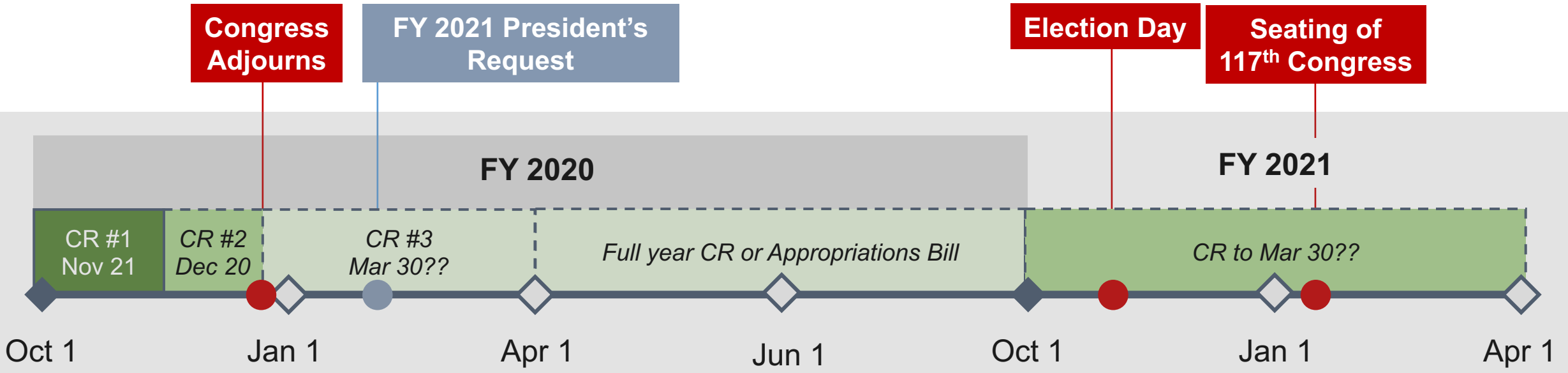
05/14/2020

The Office of Science implemented a re-organization in May.

ASCR Facilities Appropriations, FY 2018 to 2020 (\$M)



Prospective budget scenarios in timeline form



The White House Office of Science and Technology Policy is working on a new initiative



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The Networking and Information Technology
Research and Development Program

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OSTP Convening: Pioneering the Future Advanced Computing Ecosystem

This event will engage stakeholders from government, industry, nonprofits, and academia to discuss the strategic objectives and recommendations of the FTAC report, *National Strategic Computing Initiative Update: Pioneering the Future of Computing*, and to help pioneer the future advanced computing ecosystem in support of American leadership in science and engineering, economic competitiveness and national security.

OSTP CONVENING: PIONEERING THE FUTURE ADVANCED COMPUTING ECOSYSTEM

August 17 – 18, 2020

OSTP Convening: Pioneering the Future Advanced Computing Ecosystem

August 17 – 18, 2020

Virtual event

Logistics

- ▶ **Agenda:** [FACE-Convening-Program-Agenda.pdf](#)
- ▶ **Date:** August 17 – 18, 2020
- ▶ **Delivery method:** Virtual, by invitation; registration required.
- ▶ **WebEx Panel FAQ:** [WebEx-Panel-FAQ-082020.pdf](#)

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- 2 Co-Chairs
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- 4 Background and Context
- 5 Reference Materials

Co-Chairs

- ▶ **OSTP:** Manish Parashar
- ▶ **DOE:** Steve Binkley, Barbara Helland
- ▶ **NOAA:** Zachary Goldstein, Irene Parker, Frank Indiviglio
- ▶ **NSF:** Margaret Martonosi, Erwin Gianchandani, Amy Friedlander



“The purpose of a science funding agency is to be catalytic, to stimulate communities to express their imagination in its fullest form.”

-- Prof. Sir Mark Walport, CEO of UKRI



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Baton-pass to Carol