

# PSC ALL-HANDS PRIORITY MEETING



**LAURENT CHAPON**  
Associate Laboratory Director  
for Photon Sciences  
Advanced Photon Source Director

# PSC PRIORITIES

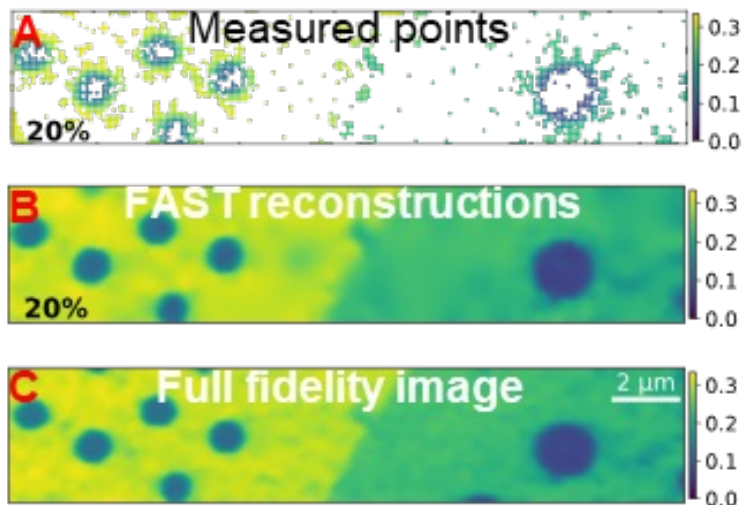
- This all-hands meeting is “special”: The goal is to present strategic priorities for PSC
- PSC is due to update its 5-year strategic plan in FY24, so we will review our strategic priorities as a group in the months to come
- The goal for the time being is to:
  - Present the “Coherent X-ray science” initiative, which is part of the lab strategy
  - Present an overview of two strategic plans recently created: DEIA and Environmental Sustainability

# CURRENT STRATEGIC INITIATIVES

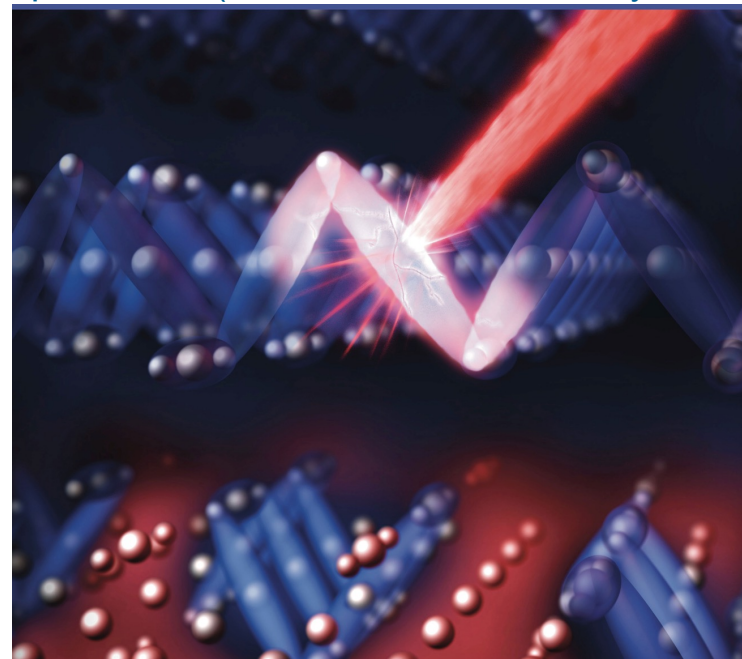


# COHERENT X-RAY SCIENCE INITIATIVE

Real-time processing of APS-U data  
with ALCF systems



Compact XFEL (Electron and structural dynamics)



# DEIA AND ESCAPE

DEIA plan is the result of the work of the council in the last 6 months



Environmental sustainability strategy is a recent effort led by Mike Edelen



# DEIA COUNCIL CHANGE

- Fanny Rodolakis will step down as chair of the DEIA council in March 2024
- Will be rotating the vice-chair role later this year
- Welcome Lisa Gades as new chair!
- Let's build on the excellent foundations set by Fanny, Becky, and Arista before them
- Please support Lisa in her new role!



Lisa Gades

# AGENDA

## ENABLING TECHNOLOGIES TOWARD COMPACT X-RAY FREE ELECTRON LASERS

John Byrd, *Division Director, Accelerator Systems Division*

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## HIGH PERFORMANCE COMPUTING AND AI-ENABLED SCIENCE AT APS-U

Mathew Cherukara, *Computational Scientist and Group Leader, X-ray Science Division*

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## DEIA STRATEGY

Fanny Rodolakis, *Physicist, X-ray Science Division*

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## ENVIRONMENTAL SUSTAINABILITY STRATEGY

Mike Edelen, *Division Director, APS Engineering Support Division*

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## Q&A - ALL

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# QUESTIONS?

## WELCOMING FEEDBACK:

[LCHAPON@ANL.GOV](mailto:LCHAPON@ANL.GOV)



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