

# The Xpert Network

Exchanging Computational Best Practices and Tools

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## Xpert Network

Helps CDI researchers with CDI Apps.



## Motivations

- ❖ CDI research and engineering methods are key to success.
- ❖ An increasing amount of computing power is consumed to conduct research using computational experimentation.
- ❖ Domain scientists need help developing, optimizing, and running CDI applications on HPC systems.

Events

Publications



JOIN THE XPERT NETWORK TO LEARN AND  
CONTRIBUTE THE BEST-PRACTICES AND  
TOOLS IN SUPPORT OF COMPUTATIONAL  
AND DATA-INTENSIVE (CDI) RESEARCH.

## What's in it for you?



Exchanging the best-practices being applied, or the tools being used in CDI research.



Discussion times would provide an opportunity to discuss your open problem.



The website's discussion platform supports communication of the participants around the clock.



Contributing to the Xpert Network publications.



Getting to know the big players in this field and what they offer to support CDI researchers.



Adopting the Xpert Network recommendations and outputs.

<https://sites.udel.edu/xpert-cdi/>

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# UNIVERSITY OF DELAWARE



## Goals

- ❖ Advance science by increasing the productivity of researchers who use CDI research.
- ❖ Develop a network for exchanging best practices in the Xpert assistance and in the creation of a supporting tool environment.
- ❖ Create synergy among domain scientists, engineers, and related projects that support CDI research.

## Outcomes for CDI Research



A Best Practices Guide



A catalog of Tools



Synergizing Researchers

How Can We Better Serve Our Members?

Please **contact us** to share your suggestions.