T3-CIDERS

A Train-the-Trainer Approach to Fostering CI- and Data-Enabled Research in Cybersecurity

Cyberinfrastructure (CI) refers to advanced computers and methods (big data, artificial intelligence, etc.) which enable cutting-edge research. The T3-CIDERS Train-the-Trainer program will empower you to teach CI competencies to enhance research and teaching in cybersecurity.

Project Overview

Accelerate state-of-the-art research in cybersecurity and related fields by:

- Preparing competent trainers to broaden utilization of CI in research
- Fostering a CI-enabled cybersecurity research community of practice

What Will You Learn?

T3-CIDERS will introduce effective training and instructional design methods, to prepare you to teach advanced CI domains such as:

- high-performance computing
- big data
- machine learning
- cryptography
- parallel programming

Who Can Join?

- Faculty
- Researchers
- Practitioners in cybersecurity related fields
- Students (paired with a faculty member)

Winter Institute Dates:
January 5-9, 2026

University of Arizona
Tucson, AZ

Benefits:

- Hands-on CI training modules relevant to cybersecurity and cyber-related research
- Evidence-based training and design methodology
- Support for developing local CI training activities and cybertraining proposal writing
- Community of practice in CI
- Monetary assistance for attending the Winter Institute and conducting local CI training

Train-the-Trainer Outcomes:

- Apply CI techniques in cybersecurity research
- Develop & conduct CI training in local academic communities

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