

Advanced Imaging and Collaborative Information
Processing (AICIP) Laboratory
Electrical Engineering and Computer Science Department
University of Tennessee, Knoxville

Capabilities:

- Multi-resolution data fusion using agent-bearing sensors
- Subpixel recognition and anomaly detection using hyper/multi-spectral imaging
- Collaborative signal and information processing in scalar sensor networks and smart camera networks
- Multiple target tracking and Visual tracking through feature-level fusion
- Feature-level fusion through deep learning (DL) framework
- Projects sponsored by DARPA, Army, AFOSR, NASA, NSF

Capabilities Seeking for:

- Multi-view satellite imaging
- Complex scene representation

Area of Interest:

- Multi-modal, multi-level fusion
- Object-level classification
- Deep learning-based recognition (supervised or unsupervised)

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