

American-Made Challenges E-ROBOT Prize Competition

Our Shared Future

Description:

Our team is developing a new approach for evaluating a building for an envelope retrofit that is faster, safer, more scalable, more economical, and more accurate than current approaches. This approach combines the latest commercial sensing capabilities to collect a high-value dataset with custom machine learning and pattern recognition software to automatically process that dataset.

Applicant:

Alan J. Vayda, Ph.D.

City and State:

Canton, MI

Key Project Members:

Devon Basher

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Other Partners:

Association for Energy Affordability