



# Grains of Saliency: Optimizing Saliency-based Training of Biometric Attack Detection Models

Colton R. Crum, Samuel Webster (presenting), Adam Czajka

# Grains of Saliency: Optimizing Saliency-based Training of Biometric Attack Detection Models

Problem: Can generalization of face and iris presentation attack detection methods be improved by guiding the training with human saliency of low granularity?

Our Proposal: Yes, **lower fidelities** of saliency can guide models towards **exceeding generalization** capabilities compared to those trained with fine-grained human-sourced saliency.

