



UNIVERSITY OF MIAMI  
COLLEGE of  
ARTS & SCIENCES

## Miami Physics Conference 2025

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**Date:** Dec 12-18, 2025  
**Location:** Lago Mar Resort  
**Affiliation:** University of Alabama

Konstantin Matchev

### AI in HEP and Beyond

#### Abstract

I will review recent applications of AI in high energy physics (both theory and phenomenology) and beyond.