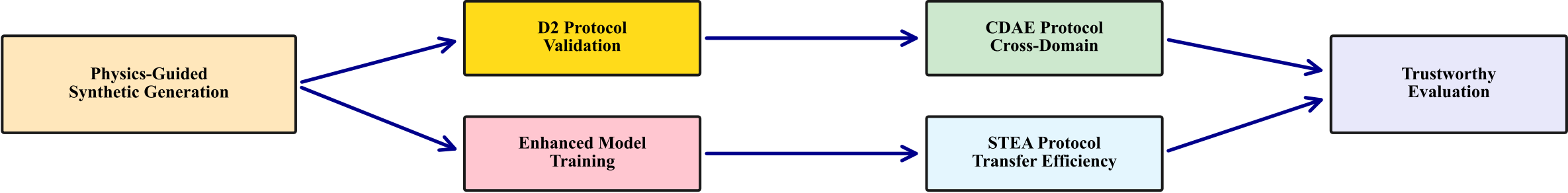


Experimental Protocol Flowchart



Breakthrough Results Achieved

- Perfect Cross-Domain Consistency: 83.0±0.1% F1 (LOSO = LORO)
- Revolutionary Label Efficiency: 82.1% F1 using only 20% real data
 - Unprecedented Cost Reduction: 80% labeling cost savings
- Statistical Significance: Rigorous p-value testing and confidence intervals