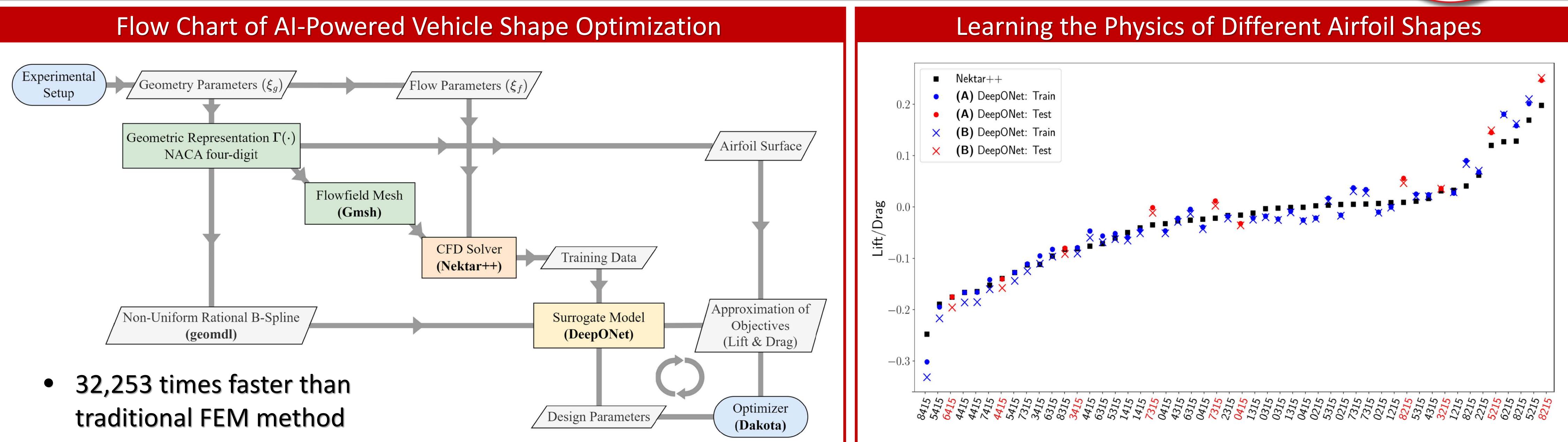
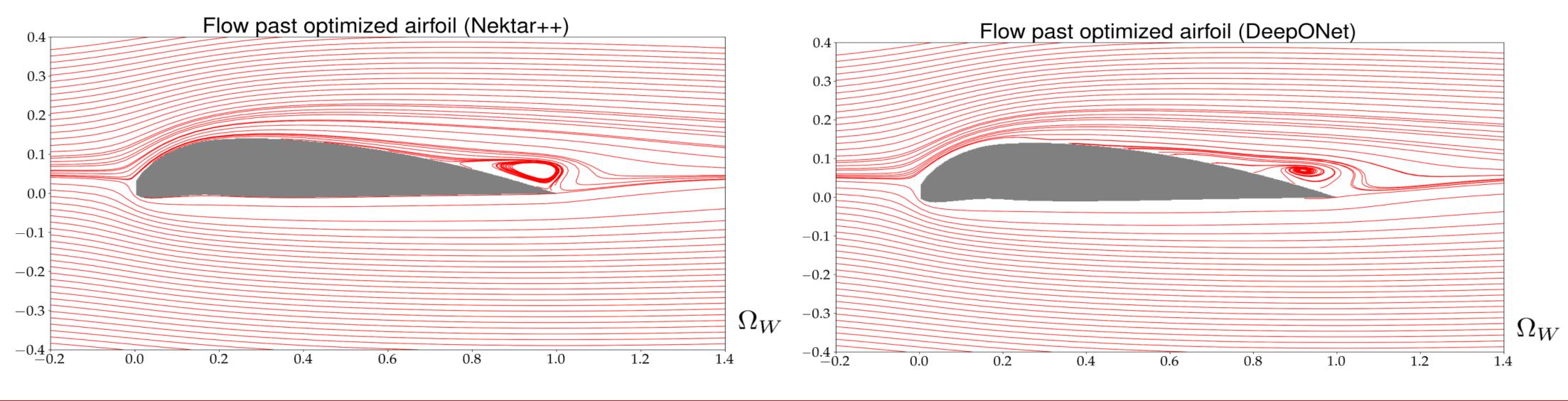
# Al for Optimal Hypersonic Vehicle Design

## AI<sup>2</sup>: Artificial Intelligence, Adaptation, and Innovation Group



### Finding the Optimal Airfoil Design (Lift/Drag)







Optimal design:  $L/D = 0.27 \leftarrow \{Position of maximum camber (p) = 0.2, Maximum camber (m) = 0.067\}$ 



