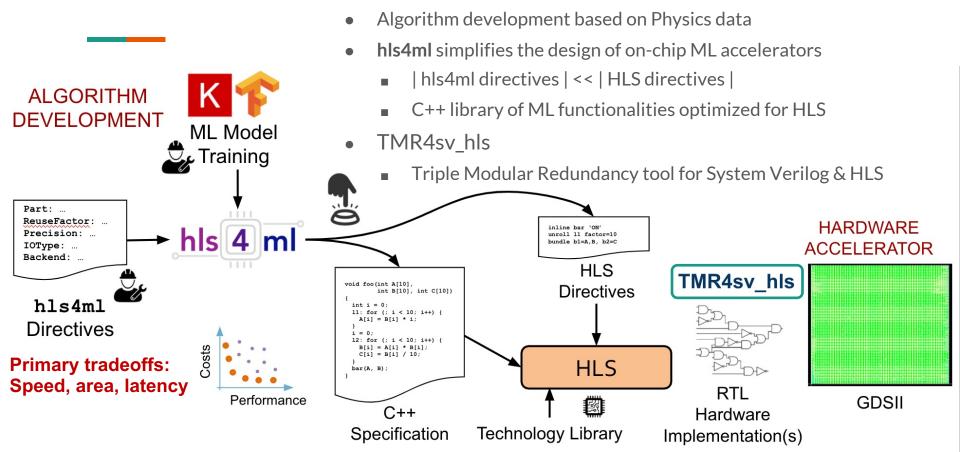
## Al on chip – Algorithm to Accelerator Farah Fahim - Fermilab

**INFIERI** School

**Contributors** Fermilab: Nhan Tran, Christian Herwig, Jim Hirschauer Northwestern University: Seda Memik, Yingyi Luo, Manuel Valentin Columbia University: Giuseppe DiGuglielmo

## **Physics Driven Hardware Co-design**



## 1<sup>st</sup> half of the lab is common with

## IA tools & real-time HEP Trigger LAB PRESENTATION BY Dr. Nhan TRAN (FERMI, National Laboratory, USA)

- hls4ml: From C to HLS