Software for High Performance Computing





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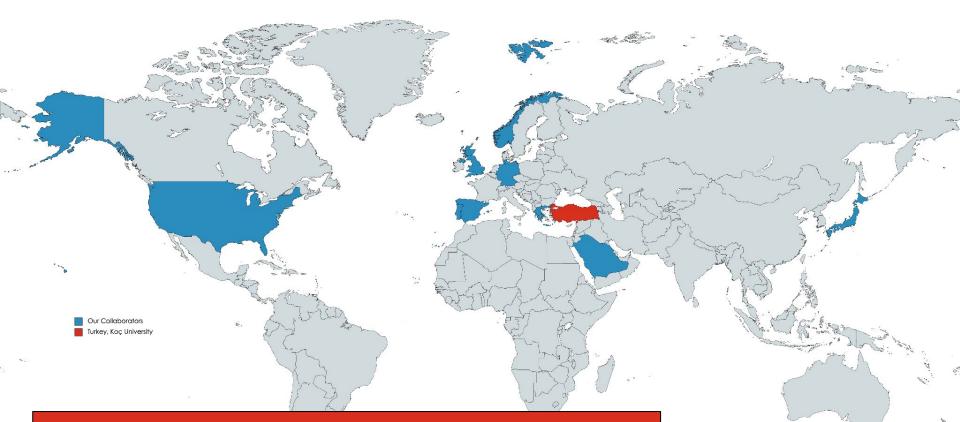


My Research Group

- Deals with software challenges of emerging architectures
 - Programming Model Design
 - To simplify programming on complex parallel architectures
 - Runtime Systems
 - Reduce communication cost to scale on thousands of processors
 - Performance Tools
 - Design and develop tools for performance modeling and monitoring
 - Systems Research for Deep Learning
 - Scale deep learning frameworks on multiple devices

My Research Group





Collaborations with Universities, Research Labs and Industry

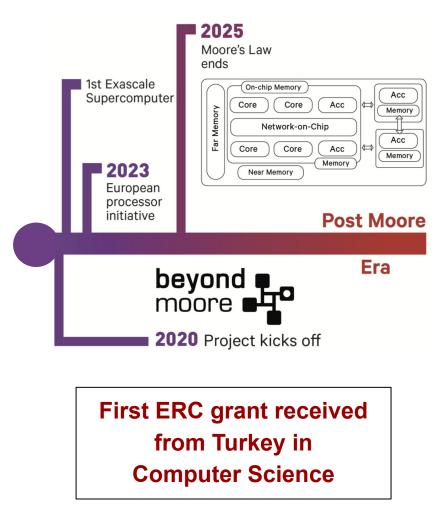


European Research Council

Established by the European Commission

1.5 Million Euros

Supporting top researchers anywhere in the world





An Optimization and Co-design Framework for Sparse Computation

2.6 Million Euros

Project Coordinator in an European consortium with 6 partners







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This project has received funding from the European High-Performance Computing Joint Undertaking under grant agreement No. 956213.