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RESEARCH: SOLVING LARGE LINEAR SYSTEMS

$$Ax = b$$

SAENA – SCALABLE ALGEBRAIC MULTIGRID SOLVER

HYBRID: MPI + OPENMP

FUNCTIONALITIES:

- MATVEC
- MATRIX-MATRIX PRODUCT
- ITERATIVE SOLVERS
- EIGEN SOLVERS
- ...



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WHY THIS SUMMER INSTITUTE:

- COMET
- ADVANCED GIT
- OPTIMIZATION
- VISUALIZATION
- CUDA