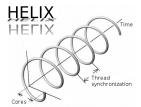
HELIX-RC

An Architecture-Compiler Co-Design for Automatic Parallelization of Irregular Programs

Simone Campanoni, Kevin Brownell, Svilen Kanev Timothy M. Jones, Gu-Yeon Wei, David Brooks



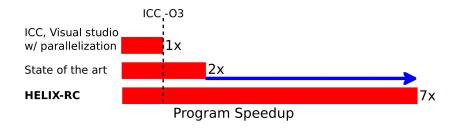


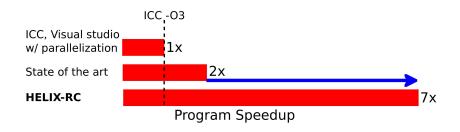


Program Speedup



Program Speedup





Ring Cache makes automatic parallelization practical for conventional multicores