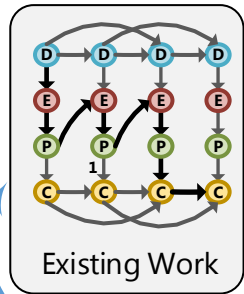


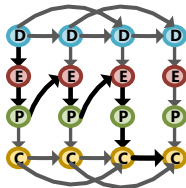
Microarchitectural Dependence Graph



**Energy
Accounting**

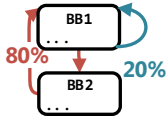
Transformable Dependence Graph (TDG)

Application/
Accelerator
Analysis

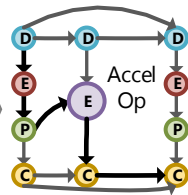


Path Profiling
Loop Dependence,
Alias Information, ...

Meta Information



Accelerator/Core
TDG-
Transformations



Crit. Path
Analysis for
Performance

Event
Analysis for
Energy