Carole-Jean Wu CRA-W Grad Cohort, Class of 2007

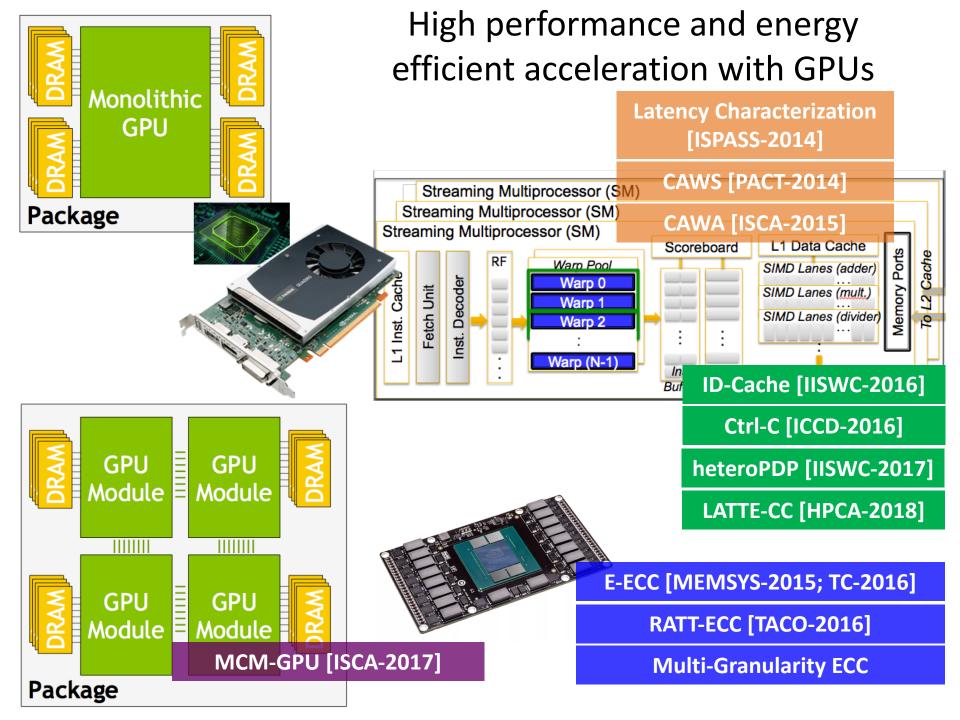
Carole-Jean Wu

Designing System and Processor Architecture for High Performance and Energy Efficiency

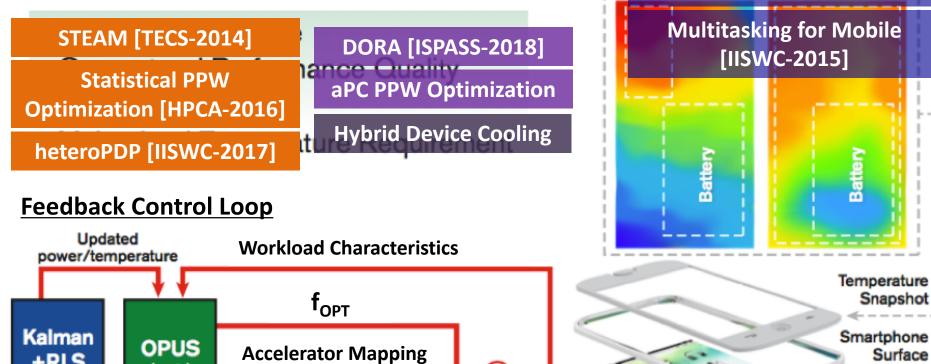
- Assistant Professor, ASU
- PhD, Princeton University
- BS, Cornell University
- Research topics
 - Heterogeneity for performance acceleration and energy efficiency optimization
 - Energy harvesting for emerging computing platforms
 - Advanced processor and system cooling designs and energy management







Performance, temperature, energy
management for portable electronicsMobileBench [IISWC-2013]
Joule/Instruction [IISWC-2013]
2014]



TLP for Mobile [ISPASS-2015]

Layer

Kalman +RLS Filter OPUS (t, Q) Accelerator Mapping I_{OPT} Cooling Process Noise

CRA-W Grad Cohort 2007, 2008, 2009

Grad Cohort 2007



Grad Cohort 2009



Grad Cohort 2008



PhD, 2012





Computing Research Association Women

Carole – Lessons from Grad Cohort

- Be ready and be open-minded for exciting opportunities
- Identify important problems and explore less well studied research paths
- Do excellent research & present your work exciting opportunities will follow
- Cultivate relationships mentors, supports, advocators, sponsors

• Prioritize and take time to recharge yourself!

