

Keynote

The Accelerator Conundrum – and Three Sketches to Solve It

Stephan Diestelhorst, Xilinx

Abstract

Specialisation and custom accelerators provide a path to enhancing performance and efficiency of compute in the face of diminishing returns from Dennard and Moore scaling. At the same time, accelerators come with their own set of new challenges. In this talk, Dr. Diestelhorst will outline these challenges and explore three different approaches to tackle them.