

Future Processor Architectures

With the imminent (<5y) demise of Moore's Law, the computing landscape is changing quickly, and some of the novel approaches to meeting the computing demands of the next decade or two will require significant planning in order to get the best use from them. DAQ and associated systems such as online / nearline event building, triggering and filtering are likely to look significantly different in 10+ years than they do today. We present the current state of the art, near future plans and some tea-leaf reading to try to project where processor and associated ancillary technologies are going in the next decade or so.