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Programmable Logic in the 21st Century. Where are we and where are we going?

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For more than twenty-five years, programmable logic has effectively leveraged Moore's law to provide steadily increasing device performance, capacity and features, while lowering the cost dramatically. We know that microprocessor power consumption issues forced a radical change in those devices, shifting from faster clock rate to multi-core. Is the same happening to programmable logic? Personal computers and servers drive microprocessor specifications. What drives programmable logic and where will it drive them? This presentation describes the current state of the art of programmable logic and with an understanding of the pressures on the technology, predict how programmable logic will evolve in the near future.

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