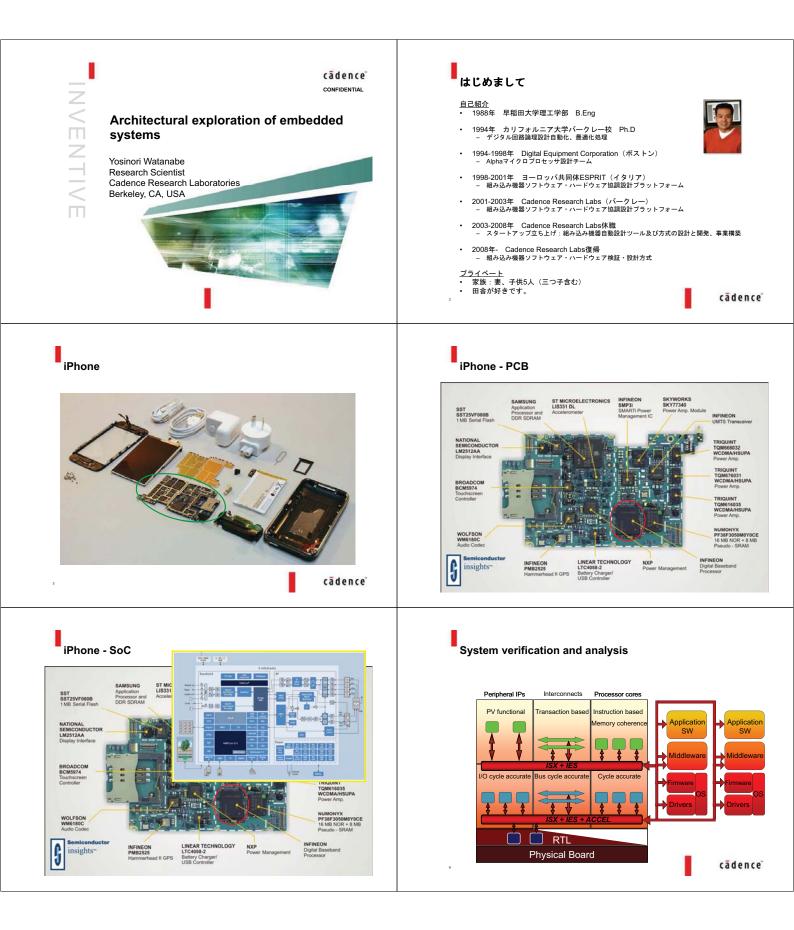


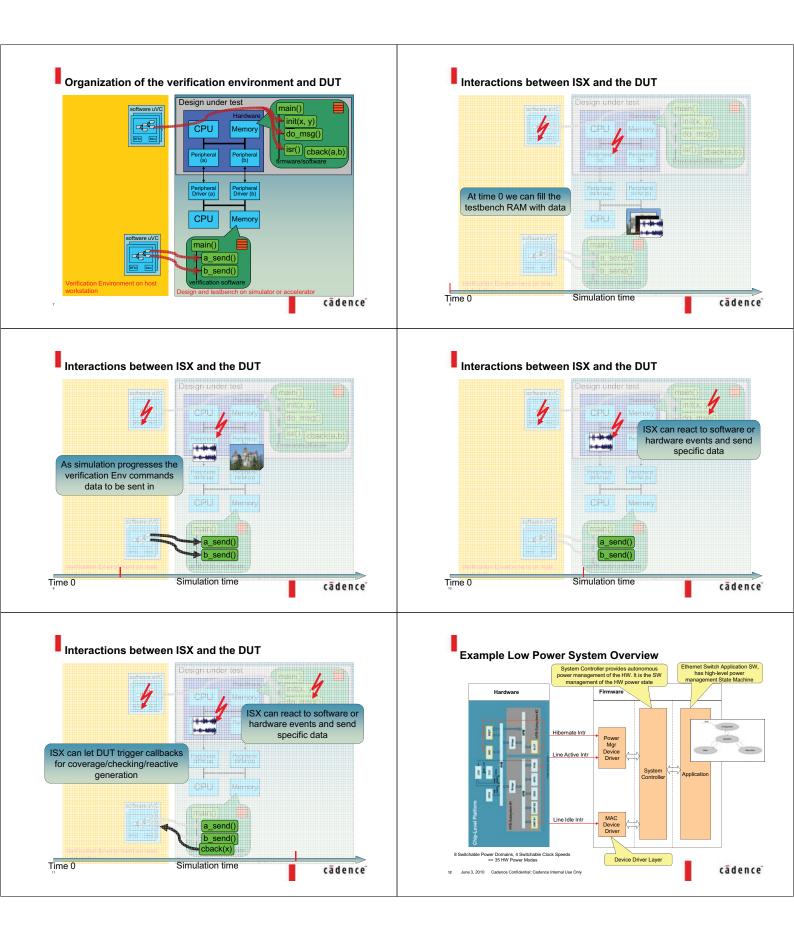
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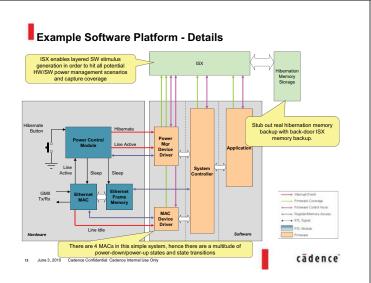
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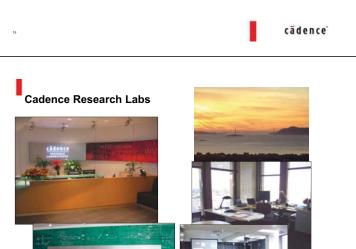


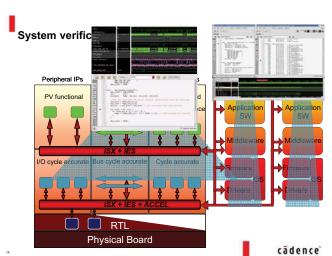


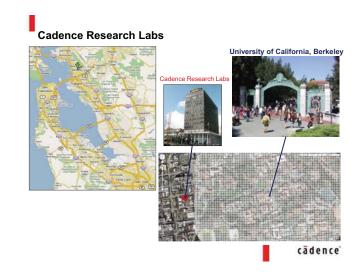
Collecting simulation data, for different architectures

- Currently, we fix the architecture, and then simulate the design with many stimuli representing various scenarios. Repeat this for different architectures.
- · Can we efficiently collect simulation data over multiple architectures, and then issue various queries to the database? Examples of the queries:

 - Which architectures have the number of thread activations less than X?
 - For given transactions, which architectures have cache misses less than X on those transactions?
- If we create such a database for some set of architectures, then can we ask such questions for other architectures, without doing the simulations for those architectures? •







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