Effects of Physical Design / Logic Synthesis Integration on Design Methodology

EDP 2000 Panel

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The Issue:

❏ **New effects in deep submicron design cause increased interaction between traditionally separable design decisions**

❏ **New design tools and tool architectures are being introduced to address this issue**

Questions posed:

❏ **What skills and background does a designer need to work in this new environment?**

❏ **How does the concept of design sign-off change?**

❏ **As more tools become integrated, does this mean designers are going to be more locked into single vendor solutions?**

   ■ **How do people tailor a methodology in such an environment?**

❏ **If tools are designed for integration how would methodologies and flows be assembled?**