

**SUNDAY PANEL:
OPEN SOURCE:
EDA'S NEXT WAVE OR YESTERDAY'S HYPE?**

Moderator: *Larry Nagel - Omega Enterprises, Randolph, NJ*

There has been much debate in the information technology sector over models of software development, distribution, and adaptation. A few years ago "Open Source" became a hot topic taking the hearts of programming geeks, big corporations, and even Wall Street analysts by storm. In the EDA industry multiple announcements of open projects have followed that lead and introduced the notion of "free" tool components and non-proprietary standards. The individual initiatives differ significantly in their true "openness" and range from fully shared source code developed across organizational boundaries to mere donations of previously proprietary language definitions.

Clearly, the increasing complexity of contemporary design flows and the resulting necessity of a tight tool integration across multiple domains require well defined interface standards. Can Open Source provide an adequate solution to this complex problem? How does the Open Source process coexist with existing EDA standardization mechanisms? Can the Open Source paradigm actually facilitate the transfer of ideas from academia to industry and enable a broad collaboration involving the best minds in a particular field? The panel discussion will review the progress of some of the current Open Source efforts in design automation and elaborate on their impact on research, development, and application. The debate will be moderated by the author of one of the first Open Source projects, SPICE, and involve various experts from industry and academia.

Panelists:

Peter Flake - Co-Design Automation, Inc., Los Altos, CA

Andrew Graham - Si2, Austin, TX

Andrew B. Kahng - Univ. of California at San Diego, La Jolla, CA

Colin McAndrew - Motorola, Tempe, AZ

Greg Spirakis - Intel Corp., Santa Clara, CA

Stuart Swan - Cadence Design Systems, Inc., San Jose, CA