Session 1: Embedded Tutorial: Component and Library Management Systems

Chair: J.H. Carey

With the proliferation of EDA tools and technology, and the growing diversity in point tools for multiple applications from multiple vendors, Component and Library Management Systems are now essential to getting successful results in the EDA environment. CLMS systems provide solutions to two different but related problems: Component Information Management and Component Library Management, across the enterprise or for each design work group or project. This tutorial will cover the following subjects:

- What is Component Information Management
- What are the functions and requirements for CIMS
- What are the benefits of a CMIS System
- What is Component Library Management
- What are the functions and requirements for CLM
- What are the benefits of a CLMS System
- How should CIMS and CLMS be integrated with the design and manufacturing process flow
- What kinds of component and library data should be managed and delivered through such systems

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