Accelerating AI with Semiconductor RTL Frontend Services

VENUE: 673 South Milpitas Blvd,

Milpitas, CA 95035, USA.

OBJECTIVE:

Provide participants with practical insights and hands-on experience in semiconductor Register Transfer Level (RTL) frontend services tailored for emerging AI markets and applications.

AGENDA:

1. Registration and Networking **(9:00 AM - 9:30 AM)**

   ➢ Registration Check-in
   ➢ Networking Coffee Session

2. Opening Session **(9:30 AM - 10:00 AM)**

   ➢ Welcome and Introduction to the Workshop
   ➢ Overview of AI Trends and Semiconductor's Role

3. Understanding RTL Frontend Services in AI **(10:00 AM - 11:00 AM)**

   ➢ Importance of RTL in AI Chip Design
   ➢ Overview of RTL Frontend Services
   ➢ Key Considerations for AI-Specific RTL Design

4. Challenges and Solutions **(11:00 AM - 12:00 PM)**

   ➢ Identifying Challenges in AI-Specific RTL Design
   ➢ Strategies and Innovations in Overcoming Challenges
   ➢ Case Studies and Best Practices

5. Coffee Break and Networking **(12:00 PM - 12:15 PM)**

6. Hands-on Workshop: RTL Design for AI **(12:15 PM - 1:15 PM)**

   ➢ Interactive Session with Design Tools
   ➢ Step-by-Step RTL Design Exercises
   ➢ Q&A with Workshop Facilitators

7. Networking Lunch **(1:15 PM - 2:15 PM)**

8. Industry Panel: Real-world Applications and Insights **(2:15 PM - 3:15 PM)**

   ➢ Panelists from Semiconductor Companies and AI Solution Providers
   ➢ Sharing Experiences in Implementing RTL for AI
   ➢ Panel Discussion and Audience Q&A

9. Tea Break and Networking **(3:15 PM - 3:30 PM)**

10. Emerging Trends and Future Directions **(3:30 PM - 4:30 PM)**

    ➢ Latest Innovations in RTL Frontend Services
    ➢ Industry Trends Shaping the Future
    ➢ Interactive Discussion on Future Directions

11. Closing Remarks and Certificates **(4:30 PM - 5:00 PM)**

    ➢ Summary of Key Takeaways
    ➢ Thanking Participants, Speakers, and Sponsors
    ➢ Certificate Distribution

MATERIALS:

   ➢ Workshop guide with detailed agenda and exercises
   ➢ Presentation slides for each session
   ➢ Hands-on workshop materials
   ➢ Certificates of participation

We welcome sponsors as part of this workshop