

## **Workshop - Content**

### **Wednesday, September 26<sup>th</sup>, 2012**

#### **Specification-driven Design with IC 6.1.5 ADE-XL**

- Simulation tests authoring use-model
- Simulation management infrastructure
- Corners and sweeps analysis
- Device parameterization
- Simulation database post-processing
- Specification driven automatic design documentation creation

### **Thursday, September 27<sup>th</sup>, 2012**

#### **Variability Aware Design and Analysis with IC 6.1.5 ADE-GXL**

- Design variability background (corners versus statistics)
- Corner analysis
- Statistical sensitivity analysis
- Parameter optimization
- Worst case distance corners extraction and yield optimization

#### **Constraint-driven Analog Rapid Prototyping with IC 6.1.5**

- Assisted physical constraint authoring
- Constraint driven Device automatic placement
- Constraint driven net automatic routing
- Fast parasitic closure flow through rapid prototyping