TLM 2.0 In Action: Example-based Approach to Transaction-level Modeling and the New World of Model Interoperability

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TLM 2.0

- Developed by Open SystemC Initiative
  - TLM Working Group
  - Adopted as a standard by OSCI in June of 2008
  - Result of several years of joint development
  - Working Group consists of leading ESL companies from the user, EDA, training, and consulting community

- Goal of the TLM 2.0 standard
  - Interoperability of models
    - Different sources
    - Different use cases
Speakers

- John Aynsley – Doulos Ltd.
- David C. Black – XtremeEDA Corp.
- Frank Schirrmieister – Synopsys, Inc.
- Zhu Zhou – Intel Corp.

Organizers

- Jack Donovan – XtremeEDA Corp.
- Jill Jacobs – Mod Marketing
Agenda

- 1:30 – 1:35 Introduction
- 1:35 – 2:35 TLM Introduction  
  *John Aynsley*
- 2:35 – 3:35 AT, LT, and GP  
  *David C. Black*
- 3:35 – 3:50 Break
- 3:50 – 4:05 TLM 2.0 Nuances  
  *John Aynsley*
- 4:05 – 4:30 Performance Modeling Using TLM 2.0  
  *Zhu Zhou*
- 4:30 – 4:55 Applying TLM 2.0 to Legacy Platforms  
  *Frank Schirrmeister*
- 4:55 – 5:00 Survey and Door Prize