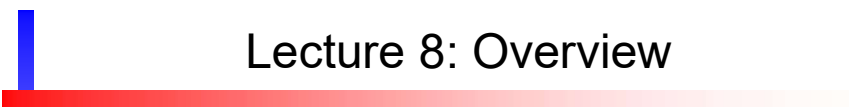


EECS 222: Embedded System Modeling Lecture 8

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Lecture 8: Overview

- SystemC: From the Ground Up (Part 2)
 - Excerpts from SystemC Training at DAC '15
 - by David Black

The SystemC Language

- “*SystemC: From the Ground Up*”, 2nd edition
 - Springer 2010
- SystemC Training Day at DAC 2015
 - “*The Definitive Guide to SystemC: The SystemC Language*”, by David Black, Doulos
 - Core Concepts and Syntax
 - Elaboration and simulation
 - Channels and interfaces
 - Ports and exports
 - Bus Modeling
 - Master and slave interfaces
 - Blocking versus non-blocking

