



4th European

SystemC Users Group Meeting

<http://www-ti.informatik.uni-tuebingen.de/systemc>

Copenhagen

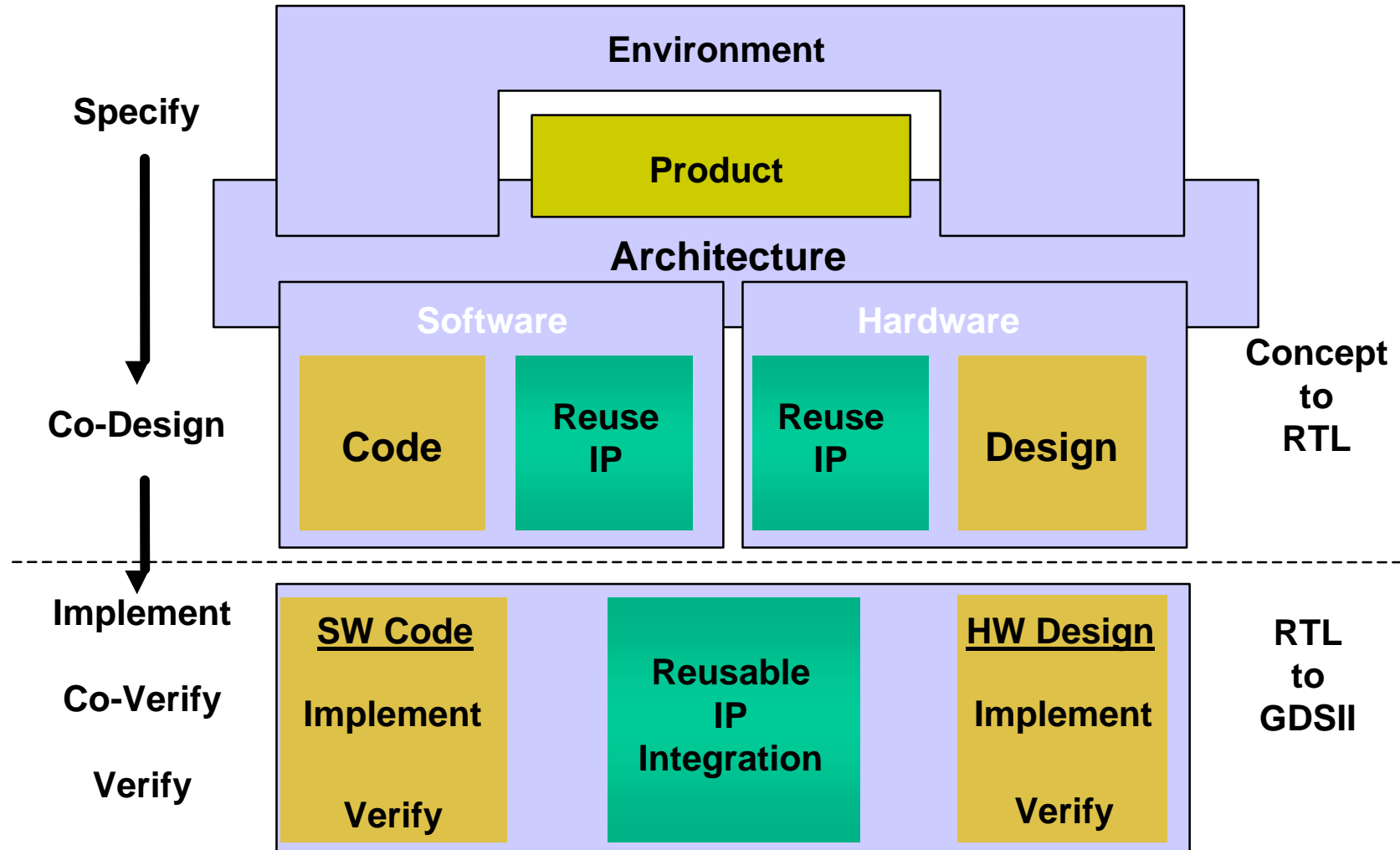
October 5th, 2001, 1100-1600

The logo for SYSTEM C features the text "SYSTEM C" in a white, sans-serif font, enclosed within a white, stylized speech bubble or oval shape. The logo is positioned centrally on a horizontal line of thin, parallel white lines that separates a yellow-green upper section from a dark blue lower section.

SYSTEM C™

OSCI Organization

SystemC Mission - Model Concept to RTL



What is SystemC

- A library of C++ classes
 - Processes (for concurrency)
 - Clocks (for time)
 - Hardware data types (bit vectors, 4-valued logic, fixed-point types, arbitrary precision integers)
 - Waiting and watching (for reactivity)
 - Modules, ports, signals (for hierarchy)
 - Abstract ports and protocols (abstract communications)
- A light-weight simulation kernel

Organizational Highlights

- **OSCI Independent Organization - Incorporated**
 - Official bylaws/articles of incorporation in place since Jan
 - Official Board of Directors operating since March 12th
 - Self-funded through membership fees
- **True Open Source License Agreement**
 - Based on OSI-approved IBM Public License
 - Improved regularly based on OSCI Board guidance / Industry feedback
- **Engaging with other organizations to lead in system space**
 - SpecC / STOC - Focus on interoperability
 - VSIA - Driving datatypes effort to align with SystemC
 - Accellera - ensuring Accellera RTL semantics fit within SystemC v1.0
- **Driving for IEEE Standardization within 2 years**

New OSCI Board and Officers

- **CHAIRMAN and TREASURER**
 - Stan Krolikoski, Cadence Design Systems, Inc.
- **VICE-CHAIRMAN**
 - Takashi Hasegawa, Fujitsu Microelectronics, Inc.
- **PRESIDENT**
 - Kevin Kranen, Synopsys, Inc.
- **SECRETARY and EXECUTIVE DIRECTOR**
 - Pete Hardee, CoWare, Inc.
- **Board Member Corporations**
 - ARM Ltd., Cadence, CoWare, Fujitsu, Mentor Graphics, Motorola, NEC, Sony, Synopsys

Developing OSCI Structure

