

# **Algorithm Development for Future High Performance Systems using SystemCV Jigsaw: An Early Case Study**

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**High Performance Embedded Computing (HPEC)  
Workshop**

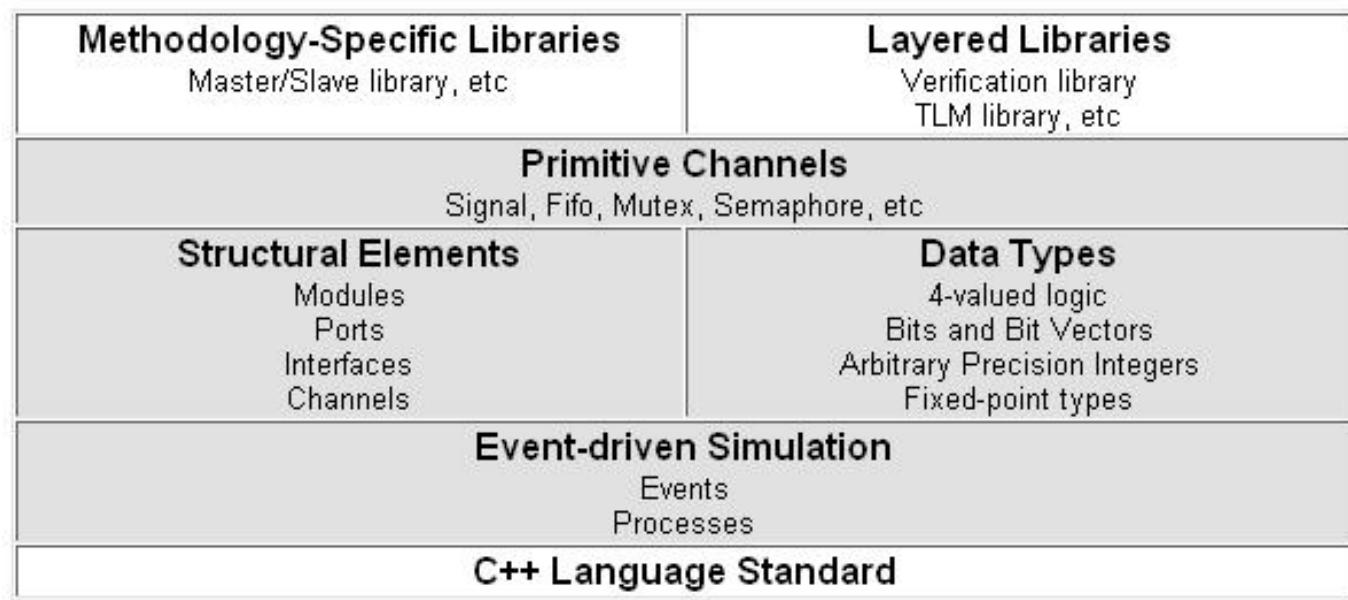
**19-21 September 2006**

# SystemC with Visualization: SystemCV

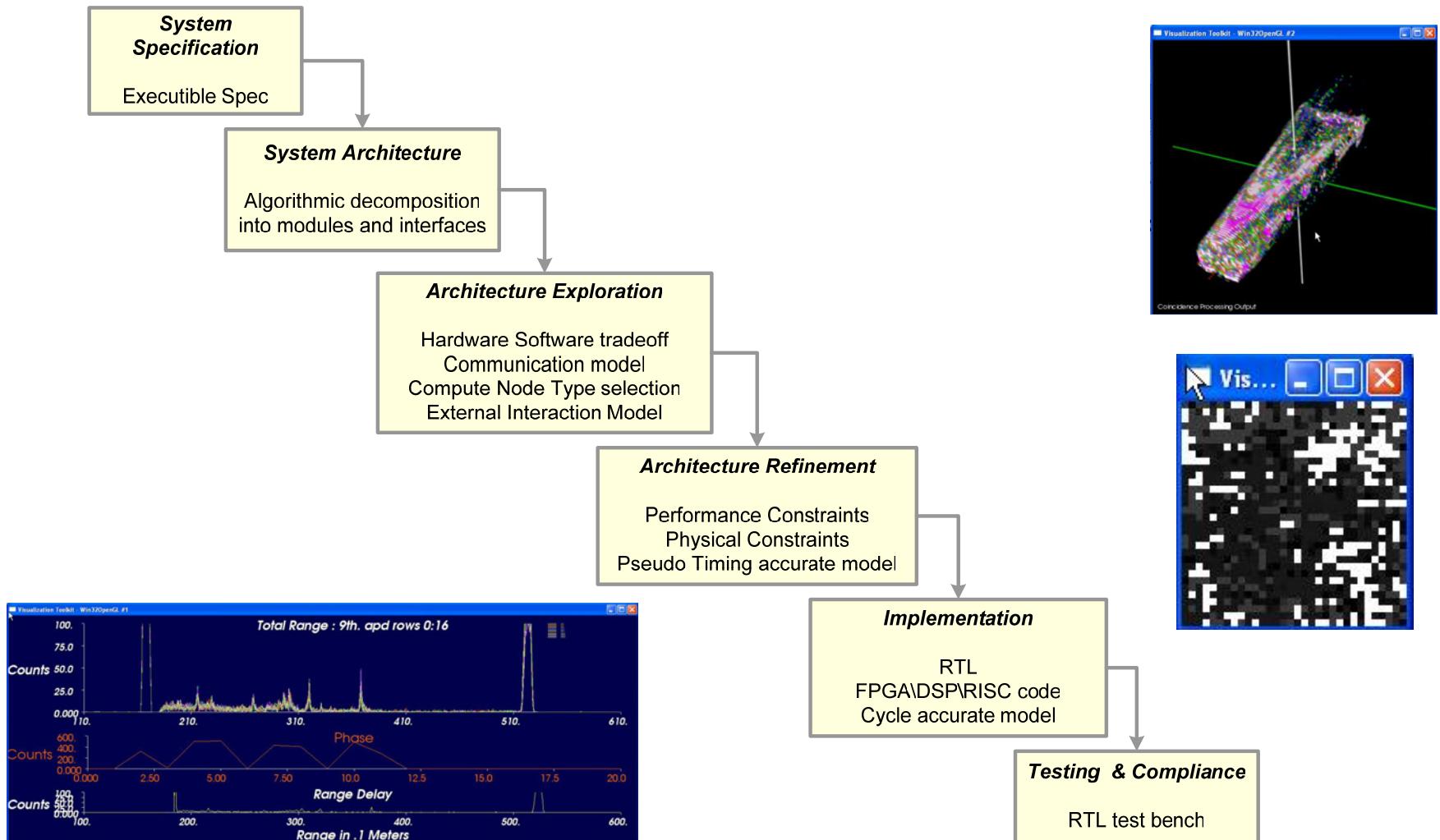
- HW/SW Simulation
- Concurrent Implementation
- Architecture exploration
- Hierarchical & modular design
- Visualization at module and system levels
- Incremental sophistication of both the communications and computational model
- IP protection

SystemCV = SystemC + Visualization Tool Kit (VTK)

SystemC Architecture  
(IEEE 1666 Standard)



# SystemCV Top Down Design



# Jigsaw SystemCV

