

Continuous

Electrical Linear Network

- Continuous-time relations between voltage and current levels
- Conserving Kirkchoff's laws
- Standard SystemC dynamic scheduler

Linear Signal Flow

- Composition of primitives and linear operators
- Numerical resolution of systems of equations
- Standard SystemC dynamic schedulerz

Discrete



Timed Data Flow

- Time-driven modeling and simulation
- Discrete time description with continuous constructs
- More performing static scheduler

Conservative

Non-conservative