

# Hybrid approach for studying bacterial interactions

Natural community



**CoCoMiCo** software

Reasoning-based modeling

Interaction properties  
Potential interactions

Controlled community



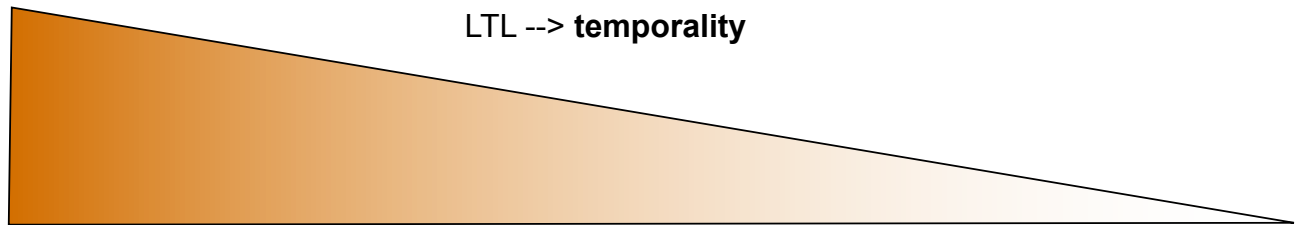
Tango **Implementation**

Numerical-based modeling

Temporal segregation  
Potential interactions

**SeIcOM** --> interaction  
properties as  
optimization constraints

LTL --> **temporality**



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Scalability

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