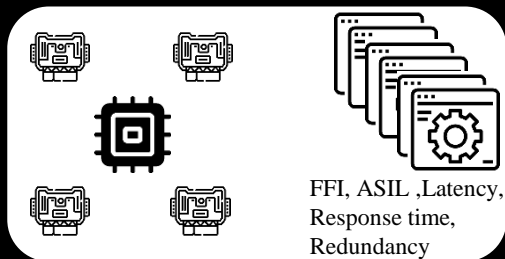


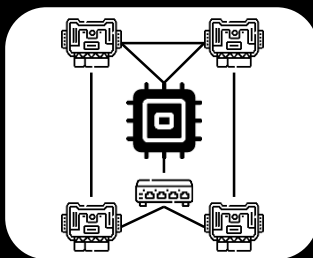
Inputs

Applications (processes/threads, requirements, and properties)

Nodes (properties and requirements)



Tasks, communication messages, links/a desired network topology



System Metamodel
using MDD

ILP Constraints

Apps Mapping

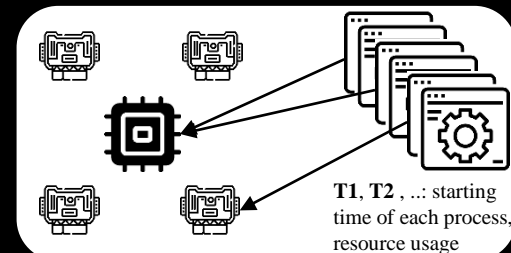
Message Routing

Time-triggered
Scheduling

Solving & Optimization

Outputs

Application mapping and TT scheduling



Message routing creation, communication tasks TT scheduling, and path dependency

