

ViaBots: Resilient, Adaptive and Viable Multi-Robot Systems



Connecting Viable Systems Model (VSM) and CPS would enable:

- Resilience
- Adaptivity
- Fractality and recursivity

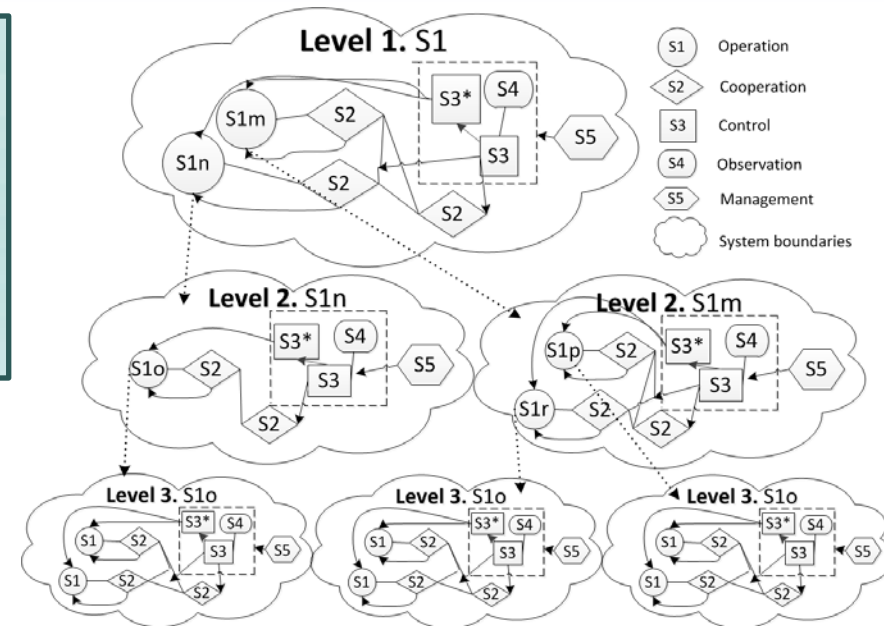
Objectives:

- To accommodate VSM for design of CPS
- To build semantics based interaction and team formation mechanisms
- To provide collaborative learning mechanism
- To integrate the proposed methods into single framework
- To develop a prototype of the CPS

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Existing competences:

- Collaboration of autonomous systems
- Viable Systems Model
- Multi-Robot systems development

We are looking for:

- Collaborative machine learning
- CPS developers